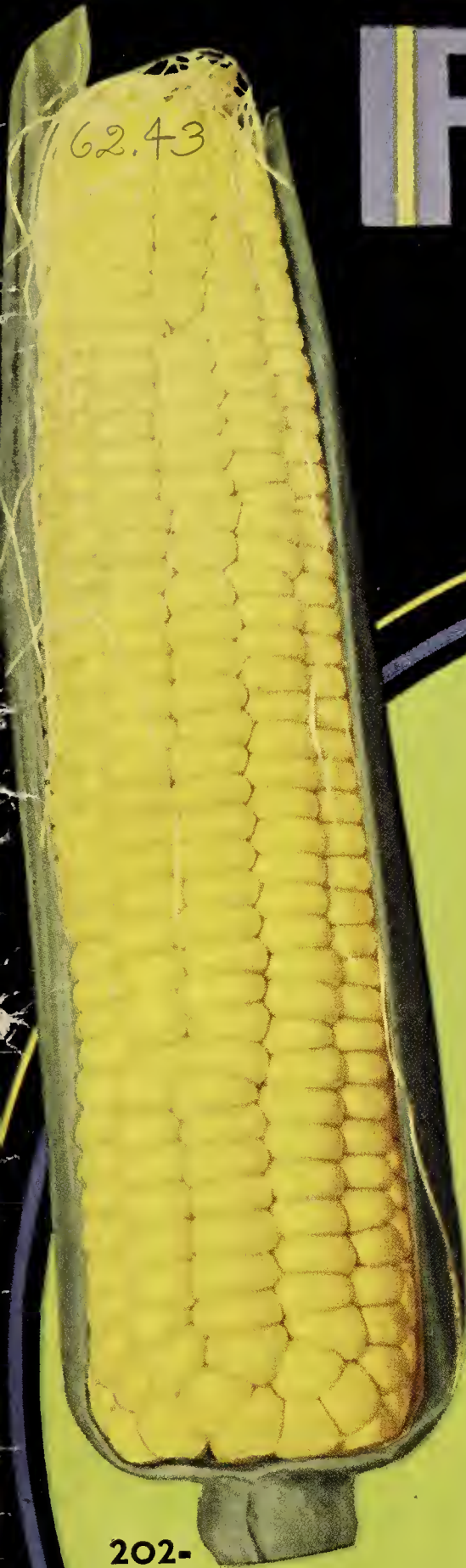


Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

FAIRMIEIR SEED & NURSERY CO.

Faribault, Minn.



202- Minhybrid Sweet Corn

Latest introduction from Minnesota Exp. Station. Five days earlier than Golden Bantam. Exceptionally sweet and tender—golden yellow color.
Pkt. 10c; 1/2 lb. 25c; lb. 40c, postpaid.
See page 8.

Special Offer No. 1

• 1 oz. Firecracker Radish
• 1 oz. Sugar Rock Muskmelon
• 1/2 lb. Minhybrid Sweet Corn

(Value 55c)
ALL FOR **40c**
Postpaid.

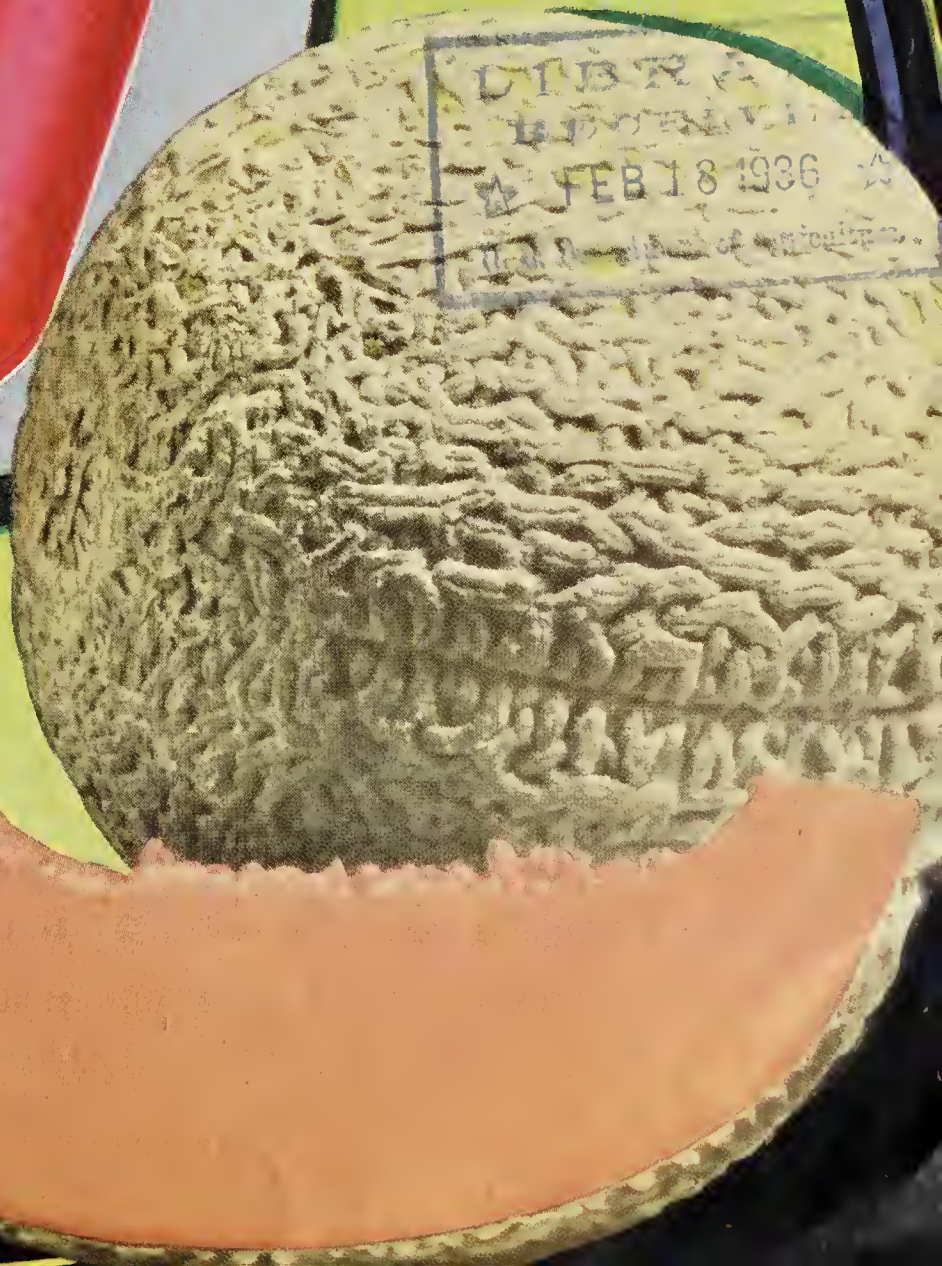


531- Firecracker Radish

Extra early (22 days). Distinct cylindrical type, vivid scarlet color—always mild, crisp, and sound.
Pkt. 8c; oz. 12c; 1/4 lb. 25c; lb. 85c, postpaid. See page 20.

357- Sugar Rock Muskmelon

Sweetest golden fleshed Muskmelon grown. Very small seed cavity. Nearly round, heavily netted, excellent shipper.
Pkt. 8c; oz. 18c; 1/4 lb. 45c; lb. \$1.50, postpaid. See page 12.



1936

The Cream of the "All-America" Selections for 1936

Offered Now for the First Time

Featured in All Best Magazines



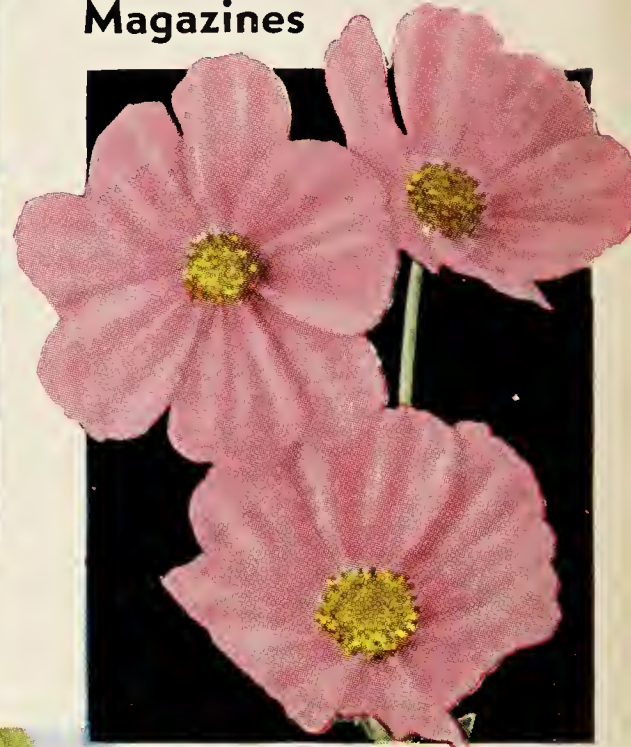
1149 **Aster**
Super Giant El Monte

The largest and most fully double Aster known. Flowers six inches across, of a rich glowing crimson. Petals are curled and interlaced. Pkt. 25c.



1573 **Nasturtium**,
Dwarf Double Golden Globe

Large semi-double flowers of deep golden-yellow. Sweet scented. Plants are dwarf, compact and free flowering. Ideal for borders and edgings. Pkt. 25c.



1311 **Cosmos**
Giant Flowering Sensation

Mammoth blooms of pink and white, 4-6 inches across, long, strong stems. Prolific bloomer and wonderful cut flower. Pkt. 50c.

SPECIAL OFFERS

No. 2 One pkt. each of the 3 New Flower Varieties. A Dollar Value, postpaid for ... **70c**

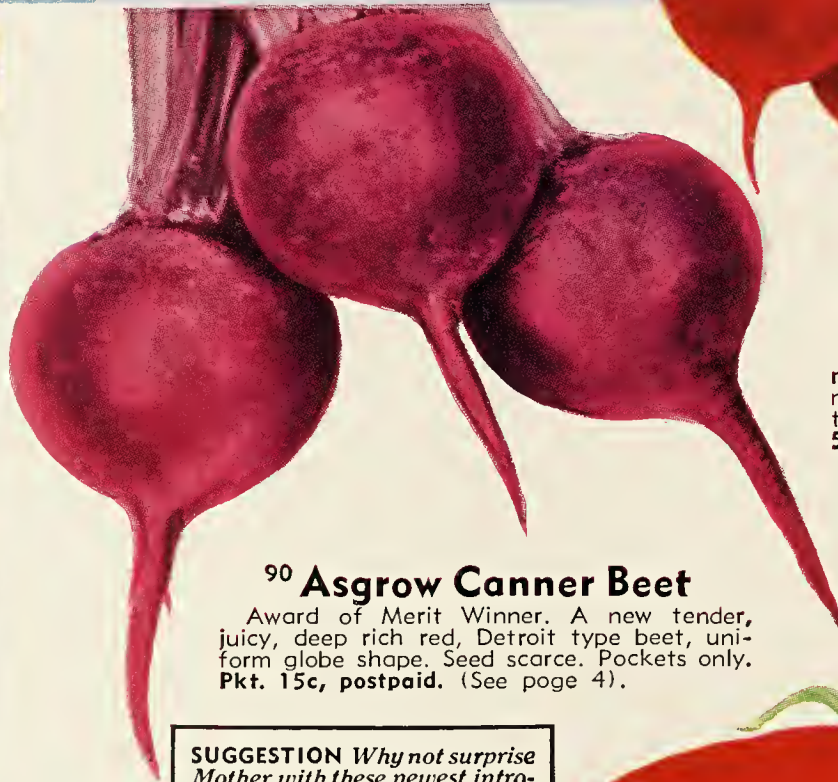
No. 3 One pkt. each of the 5 Newest Vegetables. Value 63c, postpaid for ... **50c**

Both Above Collections—One of each—total value \$1.63, postpaid for ..\$1.00



534
New Comet Radish

A crisp, tender, snappy early radish, bright scarlet color. Remains crisp and sound a long time. Pkt. 10c, oz. 20c, 1/4 lb. 50c, prepaid. (See page 20).



90 **Asgrow Canner Beet**

Award of Merit Winner. A new tender, juicy, deep rich red, Detroit type beet, uniform globe shape. Seed scarce. Pockets only. Pkt. 15c, postpaid. (See page 4).

SUGGESTION Why not surprise Mother with these newest introductions for Mother's Day?

235
Golden Colonel Sweet Corn

93 days. New delicious golden-yellow sugar-sweet corn, in prime eating stage when there is no other yellow corn on the market. A hybrid of late maturity. Pkt. 15c, 1/2 lb. 30c, lb. 55c, prepaid. (See page 9).

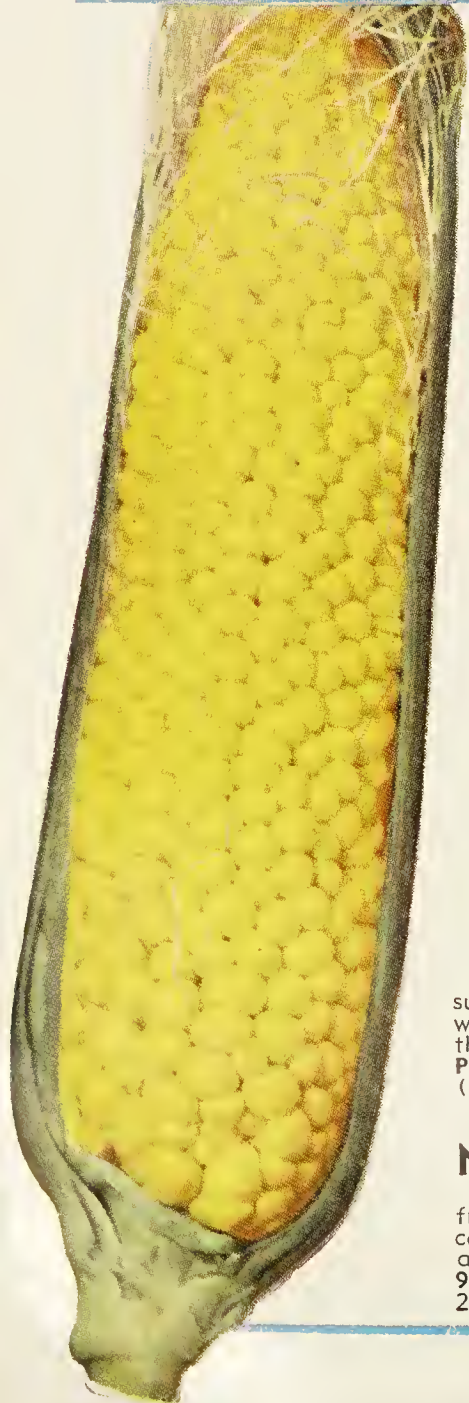
608
New Penn State Tomato

Very early, attractive, medium sized fruit of globular shape and rich scarlet color. No blemishes. Of superb quality and flavor. Pkt. 15c, 1/2 oz. 50c, oz. 90c, 1/4 lb. \$3.00, prepaid. (See page 22).



250
Farigold Pop Corn

Pops to huge, rich, golden, butter-colored kernels. Unusual flavor, crisp and tender. Early northern strain. Pkt. 8c, 1/2 lb. 25c, lb. 40c, prepaid. (See page 9).



1936 OUR 48th YEAR

OF FAITHFUL SERVICE
FINDS US BETTER EQUIPPED
THAN EVER TO SUPPLY YOUR
PLANTING NEEDS



The
HOME
of



OUR GUARANTEE

We guarantee the safe arrival of all seeds, bulbs and plants you order from us and that they will be exactly as represented. Any items not found entirely satisfactory will be replaced free of charge, or we will refund every cent you paid for them.

Success in gardening or farming depends largely upon cultivation, soil and weather conditions. Therefore, in no case shall we be liable for more than the amount actually paid us for the seeds, bulbs and plants.

FARMER SEED & NURSERY CO.
FARIBAULT, MINNESOTA

Every modern method of curing, testing and breeding of seeds is used by us. We co-operate closely with the Agricultural Experiment Stations to help you to the best and most profitable crops. Our progress has been made possible by the type of service given to our customers.



« A Gold Mine at Your Door »

- Unbelievable Profits . .
- A Constant Market and
- Certain Success may be yours

Growing American Ginseng

WHAT IS IT?—Ginseng is a medicinal plant, the roots of which have been used for centuries as the most highly prized and reliable standard medicine of the Chinese people. To them it is as important as quinine is to us. However, unfortunately for them, soil and climatic conditions in China prevent growing Ginseng except in certain small areas, and in limited quantities. Due to tremendous demand, born of necessity, the price is unusually high. (\$8.00 to \$12.00 per POUND being paid to American growers—average yield ONE TON per acre.)

AMERICAN GINSENG—Years ago this valuable plant was discovered in abundance, growing wild in our native American timber. Early settlers gathered it for export to China. However, as our native timber was gradually destroyed, the wild plant became almost extinct, and because of the ever-increasing demand from China, growing Ginseng is now very profitable. The following states seem to be most adapted for its culture: Minnesota, Wisconsin, Iowa, Michigan, New York, Indiana, Ohio, Missouri, Arkansas, Kentucky and Tennessee.

YIELD AND PRICE—According to a bulletin of the U. S. Department of Agriculture, the average production of Ginseng roots is one ton per acre. The average price paid for roots



American Ginseng Roots—Worth \$8.00 to \$12.00 Per Pound and Up.

during the last 32 years was \$8.85 per pound. A bed 4 ft. wide and 16 ft. long produced ten pounds of roots valued at \$11.65 per pound. Such a bed would require about 200 roots.



A 2-Year-Old Ginseng Bed at Otisco, Minn.



One Acre of Ginseng Paid for this \$20,000 Home in Mitchell Co., Iowa.

MARKET—We will put our Ginseng customers in touch with exporters who specialize in shipping Ginseng to China and who are only too anxious to buy any available roots at market prices. We also offer the opportunity of marketing through us. There is always a demand and a good price waiting. The Dept. of Agriculture states that growing Ginseng for export offers attractive possibilities and although Ginseng has been exported for more than half a century, the price is rising and the supply diminishing. So get started now and "cash in" on this Golden Opportunity with a sure profit.

SOIL AND SHADE—Ginseng requires a well drained, acid soil such as is found in our native timber of Oak, Basswood, Hickory, Butternut, Walnut, Red Elm and Hard Maple. Ginseng can best be grown in the shade of these trees, for this type of soil is most suitable.

SEED PRODUCTION—Ginseng produces seed the second year, and from the third year on to maturity, will produce from 100 to 200 seeds on each plant. The root itself continues to develop, reaching its full maturity in six years, when it is of most value.

COST—To assure your success, we recommend planting not less than 200 roots, or 2,000 seeds. A larger project will prove more profitable, as our free descriptive circular will explain more fully.

We offer stratified seed only, as fresh seed will not germinate until the second year. 1,000 seeds, \$5.00, 5,000 seeds, \$20.00, 10,000 seeds, \$35.00, prepaid. Two-year-old roots, 100 for \$5.00, 500 for \$20.00, 1,000 for \$30.00, 10,000 for \$250.00, prepaid.

We guarantee seed of 85% germination, and roots to be in healthy growing condition.

WE HELP YOU SUCCEED

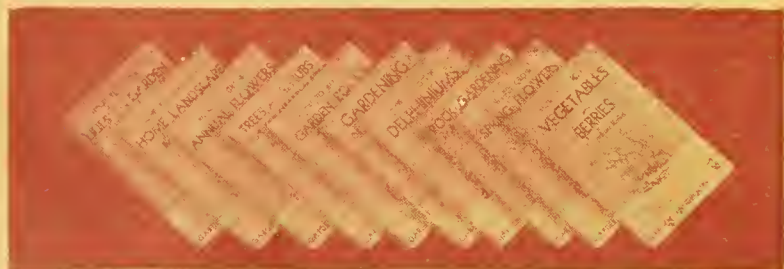
Our Ginseng Department is at your service, giving valuable experience covering 35 years in Ginseng growing. Get started this spring, or in the fall. Plant either roots or seed. However, by planting roots you will harvest a seed crop the first year after transplanting and you will have a two-year start toward marketable roots.

Further information and growing instructions free—enclose 2c stamp to cover postage.

Make Ginseng Growing your business, your hobby, or your side line—but get the right start with Northern Grown Seed or Roots.

1936 GARDEN BOOKS

- * Practical, authentic information in detail.
- * Authors are noted experts and best qualified in their respective fields.
- * Illustrated with clear drawings showing garden operations and subjects.



New Doubleday Garden Hand Books—25c Each.

Titles and Authors

1. GARDENING FOR THE SMALL PLACE. By Leonard Barron.
2. ROCK GARDENING FOR THE SMALL PLACE. By Ezra C. Stiles.
3. HOW TO MAKE GARDEN POOLS. By William Longyear.
4. HOW TO PLAN THE HOME LANDSCAPE. By Arthur H. Carhart.
5. GROW SPRING FLOWERS FROM BULBS. By Claire Norton.
6. TREES AND SHRUBS FOR THE SMALL PLACE. By Arthur H. Carhart.
7. HOW TO GROW ANNUAL FLOWERS. By Victor H. Ries.
8. HOW TO GROW LILIES IN THE GARDEN. By I. George Quint.
9. HOW TO GROW DELPHINIUMS. By Leon H. Leonian.
10. HOW TO GROW VEGETABLES AND BERRIES. By Adolph Kruhm.

25c Each

Each book contains 96 pages. Illustrated with 18—30 graphic line drawings. Bound in heavy paper covers with very attractive colors and designs. 5x7³/₈.

Order by Number.

~~~~~Farmer Seed and Nursery Co. Faribault, Minn.~~~~~



NOTE—These prices are exceptionally low and may have to be advanced at any time—Order early.

# BLUE FIGURE PRICE LIST

Prices subject to market changes, stocks being unsold; bags included in weight.

THE FARMER SEED & NURSERY CO. guarantee all Red and Alsike Clover, also every lot of Alfalfa offered, to be strictly native or northern grown seed, but give no warranty, express or implied, as to the descriptions, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not

be in any way responsible for the crop. Purity and germination tests are given for guidance only, and without guarantee. If the purchaser does not accept goods on these terms, they are to be returned at once. All prices are F. O. B. Faribault.

FARMER SEED & NURSERY CO., FARIBAULT, MINN., Jan. 20, 1936

## Warning: Test All Seed Grains and Seed Corn

The Crop Improvement Heads in the Northwest advise no Wheat testing lower than 50 lbs. weight should be used for seed. Owing to light weight of all seed grains treat with Ceresan to increase strength of germination and seedling vigor. A strong increased germination was noted as a result of such treatment. This also guards against smut and other diseases. See page 72 of this catalog for further particulars. See other side for suggestions for treating Seed Corn or catalog page 66.

## LOT "ECONOMY" SWEET CLOVER

Purity, 99 to 99.50%. Germination, 90%

There is no better value in Sweet Clover Seed and it will produce a wonderful pasture or hay crop and add great fertility to the soil. This is a fine lot of seed, free from noxious weeds, of high purity and germination.

Prices: Peck 95c, 1/2 Bu. \$1.85, Bu. \$3.60



## Free With First 500 Lawn Grass Orders

A fine sturdy Spike Lawn Sprinkler will be sent Free with your early order for 5 lbs. of Garden City Lawn Grass. Does the work of a dollar sprinkler and Garden City is our quality lawn grass mixture—so here is real value (see page 55).

Order now to make sure of the Free Lawn Sprinkler and 5 lbs. of Garden City \$1.35. Add 6c for packing.

## LOT "SURE HARDY" ALFALFA Variegated Strain

Purity, 99%. Germination, 95%. Minnesota Grown.

This is surely hardy seed, just as its name implies. It comes from fields that have withstood many severe winters during the past 30 years. It has a high purity and germination, free from noxious weeds.

Prices: Peck \$2.90, 1/2 Bu. \$5.75, Bu. \$11.35

## MINNESOTA-GROWN CLOVER

FREE FROM NOXIOUS WEEDS

(Bu. 60 lbs.)

Prices include bags

|                                                      | Purity % | Peck   | Bu. 100 Lbs.     |
|------------------------------------------------------|----------|--------|------------------|
| <b>MEDIUM RED</b>                                    |          |        |                  |
| Master Farmer Brand.....                             | 99.35    | \$3.00 | \$11.50 \$19.00  |
| Fancy.....                                           | 98.00    | 2.90   | 11.20 18.50      |
| <b>MAMMOTH CLOVER</b>                                |          |        |                  |
| Master Farmer Brand.....                             | 99.50    | 3.45   | 13.30 22.00      |
| <b>WHITE DUTCH CLOVER</b>                            |          |        |                  |
| Fancy.....                                           |          | 4.45   | 17.25 28.50      |
| <b>ALSIKE CLOVER</b>                                 |          |        |                  |
| Master Farmer Brand.....                             | 99.00    | 3.45   | 13.35 22.00      |
| Fancy.....                                           | 98.00    | 3.35   | 12.85 21.25      |
| <b>SWEET CLOVER, WHITE BLOSSOM</b>                   |          |        |                  |
| Master Farmer Brand.....                             | 99.50    | 1.10   | 4.00 6.50        |
| Fancy.....                                           | 99.25    | 1.00   | 3.70 6.00        |
| <b>SWEET CLOVER, GRUNDY COUNTY</b>                   |          |        |                  |
| Master Farmer Brand.....                             | 99.50    | 1.20   | 4.20 6.75        |
| Fancy.....                                           | 99.25    | 1.10   | 3.85 6.25        |
| <b>SWEET CLOVER, YELLOW BLOSSOM</b>                  |          |        |                  |
| Master Farmer Brand.....                             | 99.50    | 1.20   | 4.20 6.75        |
| <b>SWEET CLOVER, HUBAM ANNUAL WHITE</b>              |          |        |                  |
| Master Farmer Brand.....                             |          |        | Write for Prices |
| <b>HARBIN LESPEDEZA—U. S. D. A. STRAIN No. 65280</b> |          |        |                  |
| 1 lb. 50c, 5 lbs. \$2.40, Peck \$7.00.               |          |        |                  |

## ALFALFAS—U. S. VERIFIED ORIGIN

(NOTE—Registered and State Sealed Grimm is put up in 30-lb., 50-lb., 60-lb. Sealed Bags.)

|                                                                                | %Purity | Peck   | Bu. 100 Lbs.    |
|--------------------------------------------------------------------------------|---------|--------|-----------------|
| <b>DAKOTA NO. 12, MINNESOTA OR MONTANA GROWN</b>                               |         |        |                 |
| Master Farmer Brand.....                                                       | 99.00   | \$3.00 | \$11.50 \$19.00 |
| <b>MONTANA ALFALFA</b>                                                         |         |        |                 |
| Master Farmer Brand.....                                                       | 99.00   | 3.00   | 11.50 19.00     |
| <b>NORTHWESTERN MINNESOTA OR MONTANA GROWN</b>                                 |         |        |                 |
| (Not to be confused with Kansas or Nebraska grown seed).....                   | 99.00   | 2.85   | 10.90 18.00     |
| <b>GRIMM—MONTANA OR IDAHO STATE SEALED AND REGISTERED</b>                      |         |        |                 |
| Blue Tag.....                                                                  | 99.50   | 3.90   | 15.15 25.00     |
| <b>GRIMM—BLACKFOOT BRAND—IDAHO STATE SEALED AND REGISTERED</b>                 |         |        |                 |
| Blue Tag.....                                                                  | 99.50   | 3.90   | 15.15 25.00     |
| <b>GRIMM—MINNESOTA STATE SEALED AND REGISTERED</b>                             |         |        |                 |
| Blue Tag.....                                                                  | 99.50   | 3.90   | 15.15 25.00     |
| <b>GRIMM—MONTANA OR MINNESOTA GROWN</b>                                        |         |        |                 |
| (Not for sale in Minnesota or Wisconsin)                                       |         |        |                 |
| Growers' Affidavit.....                                                        | 99.00   | 3.00   | 11.85 19.50     |
| <b>VARIEGATED—MINNESOTA, MONTANA AND SOUTH DAKOTA GROWN (Similar to Grimm)</b> |         |        |                 |
| Master Farmer Brand.....                                                       | 99.00   | 3.00   | 11.85 19.50     |
| <b>COSSACK—MONTANA GROWN STATE SEALED AND REGISTERED</b>                       |         |        |                 |
| Blue Tag.....                                                                  | 99.50   | 4.05   | 15.75 26.00     |
| Red Tag.....                                                                   | 99.25   | 3.95   | 15.20 25.00     |
| <b>LADAK—Reg.—Blue Tag.....</b>                                                |         | 10.50  |                 |
| 1 lb. 80c, 5 lbs. \$3.75 postpaid.                                             |         |        |                 |

## HARDY GRASSES

Prices include sacks

|                                                  | 25 Lbs. | 50 Lbs. | 100 Lbs. |
|--------------------------------------------------|---------|---------|----------|
| <b>TIMOTHY (Bu. 45 lbs.)</b>                     |         |         |          |
| Master Farmer Brand.....                         | \$1.40  | \$2.60  | \$5.00   |
| Fancy.....                                       | 1.35    | 2.50    | 4.75     |
| <b>TIMOTHY AND ALSIKE (Bu. 50 lbs.)</b>          |         |         |          |
| 20-25% Alsike.....                               | 2.20    | 4.15    | 8.00     |
| 30-35% Alsike.....                               | 2.55    | 4.85    | 9.50     |
| <b>BROMUS INERMIS</b>                            | 3.75    | 7.85    | 15.50    |
| <b>REED CANARY GRASS—</b>                        |         |         |          |
| Certified—Sealed Bags, 40c per lb. postpaid..... | 7.75    | 15.20   | 30.00    |
| <b>DOMESTIC RYE GRASS</b>                        | 1.80    | 3.40    | 6.50     |
| <b>ORCHARD GRASS</b>                             | 3.75    | 7.85    | 15.50    |
| <b>KENTUCKY BLUE GRASS</b>                       |         |         |          |
| Master Farmer Brand.....                         | 3.70    | 7.20    | 14.00    |
| Extra Fancy.....                                 | 3.45    | 6.65    | 13.00    |

Prices include sacks

|                                                   | 25 Lbs. | 50 Lbs. | 100 Lbs. |
|---------------------------------------------------|---------|---------|----------|
| <b>CREeping BENT,</b>                             |         |         |          |
| 5 lbs. @ \$1.00 lb., 10 lbs. @ 95c lb.            |         |         |          |
| <b>MEADOW FESCUE.....</b>                         | 2.60    | 4.90    | 9.50     |
| <b>RED TOP</b>                                    |         |         |          |
| Master Farmer Brand.....                          | 2.85    | 5.40    | 10.50    |
| Fancy.....                                        | 2.60    | 4.90    | 9.50     |
| <b>ALL SEASON PASTURE AND MEADOW MIXTURE.....</b> | 5.75    | 11.25   | 22.00    |
| <b>MIXTURES FOR LOW WET GROUND.....</b>           | 5.75    | 11.25   | 22.00    |
| <b>PERMANENT HOG PASTURE.....</b>                 | 5.50    | 10.75   | 21.00    |
| <b>ANNUAL HOG PASTURE.....</b>                    | 1.60    | 3.10    | 6.00     |
| <b>LAWN MIXTURES—See page 55.</b>                 |         |         |          |

## MINNESOTA-GROWN SEED POTATOES

PRICES SUBJECT TO MARKET CHANGES

Bags free. If wanted in barrels, add 25c per bbl. of 3 bushels.

SPRING SHIPMENT

|                                              | Peck   | Bu.    | 5 Bu.  | 10 Bu. |
|----------------------------------------------|--------|--------|--------|--------|
| <b>Early White Gold, Certified.....</b>      | \$0.50 | \$1.60 | \$1.55 | \$1.50 |
| <b>Early White Gold, Not Certified.....</b>  | .45    | 1.50   | 1.45   | 1.40   |
| <b>Early White Gold, Second Size.....</b>    | .40    | 1.30   | 1.25   | 1.20   |
| <b>Early Ohio, Red River, Certified.....</b> | .45    | 1.50   | 1.45   | 1.40   |

SPRING SHIPMENT

|                                                                               | Peck | Bu.  | 5 Bu. | 10 Bu. |
|-------------------------------------------------------------------------------|------|------|-------|--------|
| <b>Early Irish Cobblers Certified.....</b>                                    | .40  | 1.50 | 1.45  | 1.40   |
| <b>New Katahdin, Late.....</b>                                                | .50  | 1.60 | 1.55  | 1.50   |
| <b>Warba, Certified.....</b>                                                  | .45  | 1.50 | 1.45  | 1.40   |
| <b>Chippewa, Late, Certified.....</b>                                         | .60  | 2.00 | 1.95  | 1.90   |
| <b>New Golden 6 lbs. \$1.00 prepaid to 3rd zone; peck \$1.50 not prepaid.</b> |      |      |       |        |



# FARMER SEED & NURSERY CO'S Blue Figure Price List

## IMPROVED SEED GRAINS

| Prices include sacks                           | Peck       | Bu.            | 5 Bu.<br>@  | 10 Bu.<br>@ |
|------------------------------------------------|------------|----------------|-------------|-------------|
| <b>WHEAT (Bu. 60 lbs.)</b>                     |            |                |             |             |
| Hope—Rust and Smut Resistant.....              | \$0.70     | \$2.45         | \$2.40      | \$2.35      |
| Thatcher, Rust Resistant, Registered....       | .75        | 2.75           | 2.70        | 2.65        |
| Ceres Rust Resistant.....                      | .50        | 1.70           | 1.65        | 1.60        |
| Marquis Type, Minn.....                        | .50        | 1.70           | 1.65        | 1.60        |
| Mindum Durum.....                              | .65        | 1.75           | 1.70        | 1.65        |
| Minturki, Winter.....                          | .50        | 1.60           | 1.55        | 1.50        |
| <b>SPELTZ OR EMMER (Bu. 40 lbs.).....</b>      | <b>.35</b> | <b>1.00</b>    | <b>.95</b>  | <b>.90</b>  |
| <b>OATS (Bu. 32 lbs.)</b>                      |            |                |             |             |
| Minrus, Rust Resistant, Certified.....         | .30        | .80            | .75         | .70         |
| New Anthony, Rust Resistant Certified..        | .30        | .80            | .75         | .70         |
| Iogold, Rust Resistant, Certified.....         | .25        | .75            | .70         | .65         |
| Iogold, Not Certified.....                     | .25        | .65            | .60         | .55         |
| Swedish Select Wis. No. 5.....                 | .30        | .80            | .75         | .70         |
| Iowa No. 105.....                              | .25        | .70            | .65         | .60         |
| Iowa No. 105 and Barley Mixed.....             | .20        | .60            | .55         | .50         |
| Gopher, Certified.....                         | .25        | .75            | .70         | .65         |
| Gopher, Not Certified.....                     | .25        | .70            | .65         | .60         |
| White Kherson.....                             | .25        | .70            | .65         | .60         |
| Early Yellow Kherson.....                      | .25        | .65            | .60         | .55         |
| Russian Green.....                             | .25        | .70            | .65         | .60         |
| <b>BARLEY (Bu. 48 lbs.)</b>                    |            |                |             |             |
| Peatland.....                                  |            | Ask for Prices |             |             |
| Velvet, Minn. No. 447, Certified.....          | .35        | 1.05           | 1.00        | .95         |
| Velvet, Minn. No. 447, Not Certified....       | .30        | 1.00           | .95         | .90         |
| Glabron, Minn. No. 445, Not Certified...       |            | Ask for Prices |             |             |
| Glabron, Minn. No. 445, Certified.....         |            | Ask for Prices |             |             |
| Wis. Pedigree No. 38, Certified.....           | .35        | 1.05           | 1.00        | .95         |
| <b>SPRING RYE (Bu. 56 lbs.) Certified.....</b> | <b>.40</b> | <b>1.10</b>    | <b>1.05</b> | <b>1.00</b> |
| <b>ROSEN WINTER RYE.....</b>                   | <b>.30</b> | <b>.85</b>     | <b>.80</b>  | <b>.75</b>  |
| <b>FLAX (Bu. 56 lbs.)</b>                      |            |                |             |             |
| Red Wing, Certified, Rust and Wilt             |            |                |             |             |
| Resistant.....                                 | .75        | 2.60           | 2.55        | 2.50        |
| Red Wing, Not Certified.....                   | .70        | 2.50           | 2.45        | 2.40        |
| Bison, Rust and Wilt Resistant.....            | .70        | 2.50           | 2.45        | 2.40        |
| Common.....                                    | .70        | 2.45           | 2.40        | 2.35        |
| <b>BUCKWHEAT (Bu. 50 lbs.)</b>                 |            |                |             |             |
| Japanese.....                                  | .45        | 1.35           | 1.30        | 1.25        |
| Silver Hull.....                               | .45        | 1.35           | 1.30        | 1.25        |

## RAPE, CANE, KAFFIR CORN, MILLET

|                                                | 10<br>Lbs. | 25<br>Lbs.     | 50<br>Lbs.  | 100<br>Lbs. |
|------------------------------------------------|------------|----------------|-------------|-------------|
| <b>RAPE</b>                                    |            |                |             |             |
| Dwarf Essex.....                               | \$0.85     | \$1.70         | \$3.10      | \$5.75      |
| Dwarf Victoria.....                            | .90        | 1.80           | 3.30        | 6.25        |
| <b>SUGAR CANE</b>                              |            |                |             |             |
| Minnesota, Early Amber.....                    | .65        | 1.25           | 2.15        | 4.00        |
| Waconia, Orange.....                           |            | Ask for Prices |             |             |
| Fodder Cane.....                               | .50        | 1.00           | 1.75        | 3.25        |
| <b>KAFFIR CORN.....</b>                        | <b>.50</b> | <b>1.05</b>    | <b>1.90</b> | <b>3.50</b> |
| <b>FETERITA.....</b>                           | <b>.70</b> | <b>1.35</b>    | <b>2.40</b> | <b>4.50</b> |
| <b>HEGARI SORGO.....</b>                       | <b>.65</b> | <b>1.25</b>    | <b>2.15</b> | <b>4.00</b> |
| <b>SUDAN GRASS, Minn. Grown, Certified....</b> | <b>.65</b> | <b>1.30</b>    | <b>2.25</b> | <b>4.25</b> |
| <b>SUDAN GRASS, Not Certified.....</b>         | <b>.60</b> | <b>1.20</b>    | <b>2.00</b> | <b>3.75</b> |
| <b>SUNFLOWER</b>                               |            |                |             |             |
| Mammoth Russian.....                           | 1.05       | 2.10           | 3.90        | 7.50        |
| <b>MILLET</b>                                  |            |                |             |             |
| Golden or German.....                          | .45        | .90            | 1.55        | 2.75        |
| Siberian.....                                  | .45        | .90            | 1.55        | 2.75        |
| Hungarian.....                                 | .50        | .95            | 1.60        | 2.95        |
| Common.....                                    | .45        | .85            | 1.40        | 2.50        |
| Japanese (Billion Dollar Grass).....           | .50        | .95            | 1.60        | 2.95        |
| White Proso or Hog.....                        | .45        | .85            | 1.40        | 2.50        |
| Early Fortune.....                             | .45        | .85            | 1.40        | 2.50        |
| Turghai-Proso.....                             | .45        | .90            | 1.55        | 2.75        |
| <b>HEMP</b>                                    |            |                |             |             |
| Minnesota Grown.....                           | .60        | 1.20           | 2.15        | 4.00        |

## FIELD PEAS, VETCHES

| (Bu. 60 lbs.)                                   | 10<br>Lbs.  | Peck           | Bu.         | 100<br>Lbs.  |
|-------------------------------------------------|-------------|----------------|-------------|--------------|
| <b>CANADA YELLOW FIELD PEAS</b>                 |             |                |             |              |
| Chancellor, Early Certified.....                | \$0.65      | \$1.30         | \$2.40      | \$4.50       |
| Master Farmer, Not Certified.....               |             | Ask for Prices |             |              |
| <b>VETCHES, Hairy or Winter (Mich. Grown)..</b> | <b>1.90</b> | <b>3.80</b>    | <b>7.40</b> | <b>14.50</b> |

## SOY BEANS

| (Bu. 60 lbs.)                           | Peck   | Bu.    | 100<br>Lbs. |
|-----------------------------------------|--------|--------|-------------|
| Prices include sacks                    |        |        |             |
| Manchu, Ill. Grown.....                 | \$0.50 | \$1.60 | \$2.50      |
| Dunfield, Ill. Grown.....               | .50    | 1.60   | 2.50        |
| Illini, Ill. Grown.....                 | .50    | 1.70   | 2.65        |
| Manchu, Minn. Grown, Certified.....     | .60    | 1.90   | 3.00        |
| Manchu, Minn. Grown, Not Certified..... | .55    | 1.80   | 2.75        |

## MINNESOTA-GROWN SEED CORN

Hybrid Corn—1/2 bushel and 1 bushel State Sealed Bags.  
All other certified Seed Corn in 1-bushel, 2-bushel and 2 1/2-bushel State Sealed Bags.

### BE SURE TO PLANT TREATED SEED CORN THIS YEAR

We offer Seed Corn treated with mercury dust (Barbak 111 or Semesan Jr.). This will give a more vigorous growth and protection against disease organisms that cause root, stalk and ear rots. A better stand and increased yields of corn may be expected. If you prefer to treat you own seed, we will give 4 oz. of Barbak 111 free with every 2 bu. of seed corn purchased at regular blue figure list prices. See page 72.

Corn now in cribs, testing 80% or more, may have a low germination at planting time. Appearances are most deceiving. All of our corn has been carefully dried and selected, and can be depended upon for germination and adaptability.

### THE BEST SEED CORN IS ALWAYS CHEAPEST

One bushel Seed Corn will plant 7 to 8 acres. This means the cost of dependable seed is less than \$1.00 per acre, for standard varieties—and about \$1.50 per acre for Hybrid varieties.

## EXTRA HIGH GERMINATING SEED CORN

|                                                  | Peck   | Bu.    | 5 Bu.<br>@ |
|--------------------------------------------------|--------|--------|------------|
| Cert. Minn. No. 13 Central Strain—Germ. 95%..... | \$1.60 | \$6.00 | \$5.90     |

## MINNESOTA HYBRID SEED CORN

See Catalog for descriptions and adaptability of varieties—Limit 5 Bu. per Customer.

|                                           | Germ.<br>% | Peck     | Bu.<br>@ | 5 Bu.<br>@ |
|-------------------------------------------|------------|----------|----------|------------|
| Minhybrid No. 301 (E x B164).....         | 90         | Sold out |          |            |
| Minhybrid No. 301 (E x B164).....         | 80-89      | \$2.60   | \$10.00  | \$9.90     |
| Minhybrid No. 301—Butt (Round) or Tip     |            |          |          |            |
| Kernels.....                              | 90         | 2.60     | 10.00    | 9.90       |
| Minhybrid No. 401 (E x K) Certified.....  | 90         | 2.60     | 10.00    | 9.90       |
| Minhybrid No. 401 Butt (Round) or Tip     |            |          |          |            |
| Kernels.....                              | 90         | 2.35     | 9.00     | 8.90       |
| Minhybrid No. 402 (E x I) Butt (Round) or |            |          |          |            |
| Tip Kernels.....                          | 90         | 2.35     | 9.00     | 8.90       |

## WISCONSIN HYBRIDS

|                                                 |    |        |                 |
|-------------------------------------------------|----|--------|-----------------|
| Wis. 95, 100, 105, 110 and 115-Day Hybrids—     |    |        |                 |
| graded.....                                     | 90 | \$2.85 | \$11.00 \$10.90 |
| Wis. 105 and 110-Day Hybrids.....               | 80 | 2.60   | 10.00 9.90      |
| Wis. 100-Day Hybrids Butt or Round Kernels..... | 90 | 2.60   | 10.00 9.90      |

## SEED CORN OPEN POLLINATED

### Certified Varieties

|                                               |    |        |               |
|-----------------------------------------------|----|--------|---------------|
| Minn. Ideal.....                              | 90 | \$1.40 | \$5.25 \$5.15 |
| Minn. No. 13, Haney's Strain Extra early..... | 95 | 1.35   | 5.00 4.90     |
| Early Murdock.....                            | 90 | 1.40   | 5.25 5.15     |
| Minn. No. 13 Large Type.....                  | 85 | 1.35   | 5.00 4.90     |
| Golden King.....                              | 85 | 1.35   | 5.00 4.90     |
| Rustler White Dent.....                       | 85 | 1.35   | 5.00 4.90     |
| Northwestern Dent—Early Crookston Strain..... | 95 | 1.35   | 5.00 4.90     |

### Not Certified Varieties

#### Germination 90% or Better

|                                       |     |               |
|---------------------------------------|-----|---------------|
| Golden Glow Wis. No. 12.....          | 135 | \$5.00 \$4.90 |
| Minn. No. 13, Central Strain.....     | 140 | 5.25 5.15     |
| Early Murdock.....                    | 145 | 5.50 5.40     |
| Golden Jewel.....                     | 135 | 5.00 4.90     |
| Minn. No. 13, Large Type.....         | 135 | 5.00 4.90     |
| Yellow Dent—Southern Minn. Grown..... | 135 | 5.00 4.90     |

### Not Certified Varieties

#### Germination 80% to 89%

|                                       |     |               |
|---------------------------------------|-----|---------------|
| Early Murdock.....                    | 110 | \$4.00 \$3.90 |
| Golden Glow.....                      | 110 | 4.00 3.90     |
| Golden Jewel.....                     | 110 | 4.00 3.90     |
| Golden King.....                      | 110 | 4.00 3.90     |
| Minn. No. 13, Central Strain.....     | 110 | 4.00 3.90     |
| Yellow Dent—Southern Minn. Grown..... | 110 | 4.00 3.90     |

## MINNESOTA-GROWN FLINT CORN

|                              | Germ. % | Peck   | Bu.    | 5 Bu.<br>@ |
|------------------------------|---------|--------|--------|------------|
| King Philip.....             | 95      | \$1.35 | \$5.00 | \$4.90     |
| Canada Smut Nose.....        | 86      | 1.20   | 4.50   | 4.40       |
| Longfellow (Imp. Minn.)..... | 72      | .85    | 3.00   | 2.90       |

## SILAGE AND FODDER CORN

|                                   |          |        |               |
|-----------------------------------|----------|--------|---------------|
| Evergreen Sweet Fodder Corn.....  | 80       | \$0.70 | \$2.50 \$2.40 |
| F. S. & N. Co.'s Ideal Silo.....  | 80       | 1.10   | 4.00 3.90     |
| Golden King Silo Corn.....        | 80       | .75    | 2.75 2.65     |
| Early Murdock Silo Corn.....      | 90       | 1.10   | 4.25 4.15     |
| Early Murdock Silo Corn.....      | 75 to 79 | .60    | 2.00 1.90     |
| Early Murdock Silo Corn.....      | 80-89    | .75    | 2.75 2.65     |
| Early Murdock Butts and Tips..... | 90       | .95    | 3.50 3.40     |
| Yellow Dent Butts and Tips.....   | 85       | .90    | 3.25 3.15     |





E. J. KIEKENAPP, PRESIDENT

# A Personal Message to Our Friends

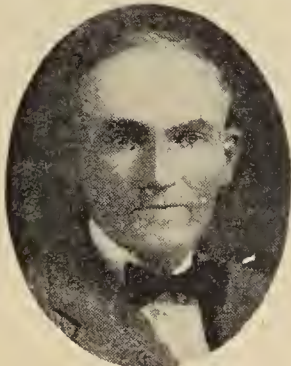
Faribault, Minn., Jan. 15, 1936.

**I** OFTEN wonder how many read this page—or who would miss it should it be omitted. Somehow it is difficult to break a tradition, and that is what this annual greeting has come to be—after 48 years.

We want you to know that the same personnel is here to look after your interests. It means that we are again ready to serve you faithfully, as in the past, and that you are going to be fully satisfied before we are.

If you are a newcomer and care to inquire of our good friends at the Minnesota Experiment Station, St. Paul, they will tell you how we co-operate with them to give you the best seeds "Old Mother Earth" produces. Much valuable information can be gained from this Annual—may it help you to become more prosperous. That is our wish for 1936, and a hearty thank you to our many loyal friends for continued patronage.

Sincerely yours,  
E. J. KIEKENAPP, President.



N. C. BIETER  
VICE PRES.  
MGR. FARM SEED DEPT.



CHAS. DAUPHINE  
SECY-OFFICE MGR



L. P. VASSAR  
SEED ANALYST AND CORN BREEDER



GEO. SIEVERS  
MGR. GARDEN AND  
FLOWER SEED DEPT.

## RELIEF ORDERS

In states where Relief Orders are again issued, we will honor them if received on the regular printed form of the Relief Office.

Prompt  
Shipment

Safe  
Delivery  
Assured



The Best Dealers in the  
Northwest  
sell our **Standard Varieties**  
of Garden  
and Flower Seeds.

Look for the Faribault Seed Case.

## ORDER EARLY . . .

Only 25% down payment will hold order until wanted.

Use order sheet in back of this catalog. Write any instructions on a separate sheet.

Keep a copy of your order and check it when it arrives.

We take every precaution in filling orders correctly, however, should any error occur, we are always willing to adjust matters. Write your name and address plainly.

Sending money. Postoffice money orders, bank drafts or express money orders are always safe. Stamps up to \$1.00 are acceptable. Never send cash in a letter unless registered. Doing so will be at your own risk.

Please do not send checks under \$1.00—send cash or stamps. Allow 10c exchange on all checks to cover charges by banks. We will include extra seeds to adjust.

## PARCEL POST SHIPMENTS

Packages weighing 70 pounds can be sent to all zones. Most insecticides can now be sent by mail. We prepay postage and express charges on items marked prepaid in the catalog. Orders of 10 pounds or more to the 5th zone, or beyond, usually travel more cheaply by express than parcel post.

## PARCEL POST RATES

| Zone        | Distance up to    | For First Pound | Each Pound, Additional |
|-------------|-------------------|-----------------|------------------------|
| 1st and 2nd | 150 miles         | 8c              | 1c                     |
| 3rd         | 150- 300 miles    | 9c              | 2c                     |
| 4th         | 300- 600 miles    | 10c             | 4c                     |
| 5th         | 600-1,000 miles   | 11c             | 6c                     |
| 6th         | 1,000-1,400 miles | 12c             | 7c                     |
| 7th         | 1,400-1,800 miles | 14c             | 9c                     |
| 8th         | over 1,800 miles  | 15c             | 11c                    |

In estimating parcel post charges be sure to make allowance for packing. A fraction of a pound takes full pound rate. Faribault is 50 miles south of St. Paul.

**OUR GUARANTEE.** We sell dependable, carefully tested seeds. Should failure result from the fault of the seeds we will refund your money.

Seeds, Trees, Bulbs and Plants are subject to climatic conditions over which we have no control. Therefore, the Farmer Seed & Nursery Co. gives no warranty, expressed or implied, as to the description, quality, productiveness or other matter of any Seeds, Bulbs or Plants they sell and will not be responsible for the crop, or for more than the price paid.

## C. O. D. SERVICE

For your convenience we offer to ship Garden and Flower Seeds C. O. D. Simply pay the postman or Express Co. the amount due, on delivery, plus a small charge for returning the remittance. No money need be sent with the order except for Farm Seeds or perishable articles, such as Potatoes, Bulbs or Nursery Stock, in which case send 25% of the amount due, with the order.

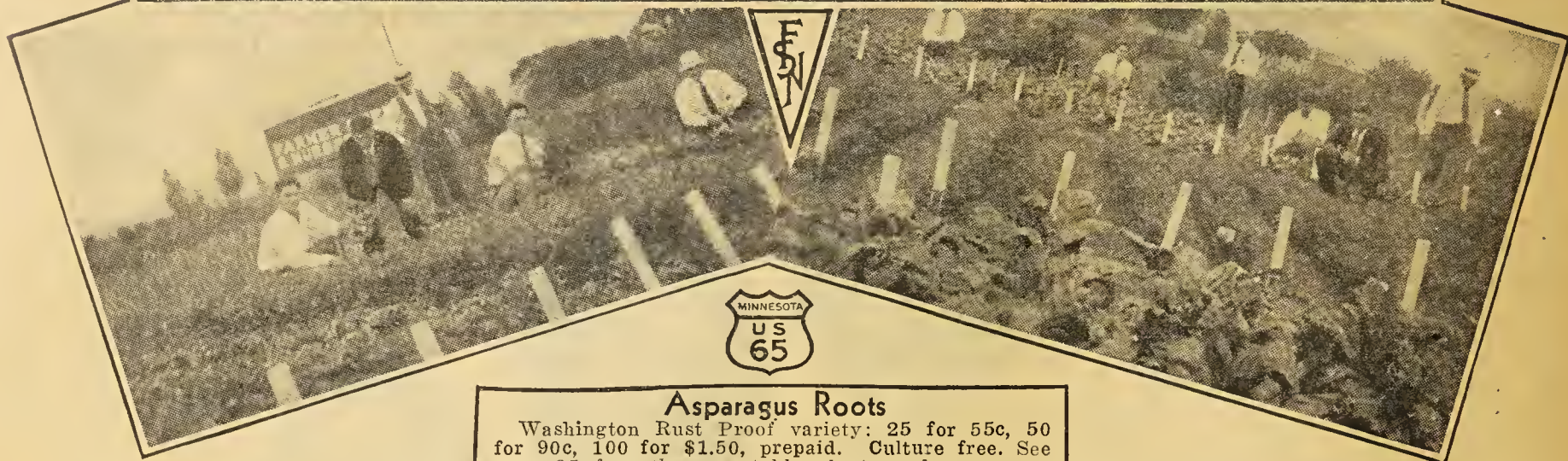
**FREIGHT AND EXPRESS SHIPMENTS.** State whether you want freight or express shipment made. Transportation charges are paid by the customer, except on items marked postpaid. If no shipping instructions are given we will use our own best judgment.

**POTATOES, ONIONS, BULBS, PLANTS AND NURSERY STOCK** are shipped when weather conditions permit, and customers are then notified of shipments. Should a shipment reach you in bad condition, notify us at once. Have agent make notations on your expense bill. If yours is a prepaid station, full transportation charges must be sent with the order.



Every  
item is  
carefully  
tested  
and  
checked

before  
we  
recom-  
mend  
it to  
you..



### Asparagus Roots

Washington Rust Proof variety: 25 for 55c, 50 for 90c, 100 for \$1.50, prepaid. Culture free. See page 25 for other vegetable plants and roots.

## ASPARAGUS

**CULTURE**—Sow one ounce of seed to 50 feet of drill. Five pounds to the acre. Sow in drills one foot apart and one inch deep. Keep soil mellow. Thin plants to four inches apart, transplant the following year to a permanent bed. Asparagus culture leaflet free.

**5. WASHINGTON RUST PROOF ASPARAGUS**—The leading variety grown by market gardeners—rust resistant, producing large, straight shoots; tips of dark green color. Pkt. 8c, oz. 15c, 1/4 lb. 35c, lb. \$1.00, prepaid.

## BUSH BEANS Green Podded

See culture on page 3.

**NOTE:** The number of days from planting seeds (or setting plants) to marketable condition, given here, represents average results, under normal conditions, secured over a period of years. These figures will vary somewhat in different localities. However, they indicate the relative earliness of varieties.

**21. NEW TENDERGREEN STRINGLESS**—(54 days.) A new bean so tender and snappy it fairly melts in your mouth! Excellent for home or market. Pod: 6 inches long, 3/8 inches wide; round, fleshy, dark green, strictly stringless and of fine quality. Plant: large, erect and productive. Seed: brown, mottled and blotched with light fawn. Pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid: 5 lbs. \$1.25, 15 lbs. at 20c per lb.

**22. GIANT STRINGLESS GREEN POD**—(54 days.) The large size and excellent shipping qualities of this bean make it one of the favorite stringless green-podded varieties for market. It is also becoming very popular for the home garden and for canning. Pod: 6 1/4 inches long, 1/2 inch wide; round, meaty, strictly stringless and brittle; color: medium green. Plant: large, sturdy and prolific. Seed: oval, solid yellowish brown. Pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 19c per lb.

**25. BURPEE'S STRINGLESS GREEN POD**—(52 days.) Gardeners and canners value this perfectly stringless and fiberless bean for its excellent quality. It sells readily on the market, and for cut beans for canning, it can't be beat. Pod: 6 inches long, medium green, round. Plant: large, erect, productive. Seed: coffee-brown. Pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 19c per lb.

**27. BOUNTIFUL**—(49 days.) A bountiful yield of extra early, good quality, green, stringless beans. For home garden and for early market. Bountiful is unsurpassed. Pod: 6 1/4 inches long, 1/2 inch wide; flat, light green, stringless and of fine quality. Plant: medium large and prolific. Seed: yellow straw color. Pkt. 10c, 1/2 lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid: 5 lbs. \$1.30, 15 lbs. at 22c per lb.



Bountiful Stringless.

## Valuable Garden Books Free

"Make the Garden Pay," an 80-page book every customer will want—tells in condensed form how to get the most out of your garden. Written by experts, fully illustrated. Gives cultural directions and information regarding vegetable storage, insect enemies, hotbed making, etc. A complete instruction book.

"Better Gardening," a 64-page book which discloses the secrets of better gardening, the tools to use, soil preparation, fertility and cultivation, weeds, pruning, perennial borders, rock gardens, lily pools, bulbs and house plants, lawns, shrubs and trees, fruits and berries, insects and disease pests. Charts and illustrations.

Your choice of either book, given free with a \$1.00 order of vegetable or flower seeds, or a \$2.00 order of farm seeds. Be sure to name your choice in ordering.

**29. FULL MEASURE (ROUND POD STRINGLESS)**—(54 days.) The merits of Full Measure lie in its excellent flavor and tenderness. It is a well-known variety for home and market gardening, and for canning. Fairly hardy. Pod: 6 1/4 inches long, 3/8 inch thick; round, straight, very fleshy, stringless and tender; medium green. Plant: upstanding and prolific. Seed: reddish brown, mottled with buff. Pkt. 8c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid: 5 lbs. \$1.25, 15 lbs. at 20c per lb.

**30. MAHOGANY RED CHILI BEAN**—(95 days.) Everyone likes the delicious, tangy flavor of hot Mexican Chili Con Carne! It has become a favorite American snack or supper dish, made with red kidney beans, introduced from Mexico. (See recipe below). Anyone can grow these delicious red chili beans. They are of excellent quality for dry bean use. Plant: large, vigorous and productive. Pods: 6 inches long, flat, waxy green. Seeds: reddish brown. Pkt. 5c, 1/2 lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 19c per lb.

### HOW TO MAKE DELICIOUS CHILE CON CARNE

- 1 Pint MAHOGANY RED CHILI BEANS.
- 1 1/2 lbs. Round Steak (ground not too fine.)
- 1 Tablespoon Flour.
- 2 Teaspoons Salt.
- 2 Large Onions.
- 1 Rounding Tablespoon Butter.
- 4 Level Teaspoons Chili Powder.
- 1 Pint Hot Water.

Soak beans overnight. Boil until done. Add flour and salt to beef with sifter, and mix well. Cut onions in small pieces, fry in butter, add meat and stir until seared. Add hot water, beans and Chili Powder. Cook slowly for 30 minutes.



**Wax-  
Podded  
BUSH**

# BEANS

**SNAPPY-  
TENDER-  
BUTTERY**

One pound of seed will plant 50 feet of row, 90 pounds per acre, in drills.

**CULTURE**—Beans should be sown after May 15th, when the ground is thoroughly warm. Make successive sowings, 2 weeks apart, for a supply of beans all summer. Sow in drills 15 inches apart, 2 inches deep, dropping the beans 3 inches apart in the rows, eyes down and cover. Cultivate often. Do not walk through or pick beans when wet with dew or rain.

Days mentioned in descriptions represent average time from planting to table.

## 9. FARIBAULT BRITTLE WAX

(52 days.) Here is the standard of highest quality in a Wax Bean. Desirable features of this round podded sort include a hardy vigor and an abundant yield of tender, succulent, buttery-flavored beans. Ideal for home use and for canning. It makes an excellent winter shell bean. Pods are 6 inches long,  $\frac{3}{8}$  inch wide; medium yellow and absolutely stringless. Plant is large, erect, vigorous and productive. Seed is white, kidney-shaped with black eye. (See inside back cover.) Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 20c per lb.

## 11. PROLIFIC BLACK WAX

or Butter Bean—(51 days.) A good, medium, early home and market garden sort. A heavy producer over a long period. Rustproof and of fine quality. Pod is  $5\frac{1}{4}$  inches long,  $\frac{1}{2}$  inch wide; round, somewhat curved, fleshy, deep golden yellow color, and excellent in flavor. Seeds are small oval, solid black. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 19c per lb.

## 12. BLACK PENCIL POD WAX

(52 days.) Another desirable sort for either home or market gardening. Vigorous, productive and of appetizing flavor. Pods are  $6\frac{3}{4}$  inches long,  $\frac{1}{2}$  inch wide; round, slightly curved, fleshy, golden yellow, tender, absolutely stringless, without fiber, brittle and of finest quality. Seeds are oblong, flat, solid black. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 20c per lb.

## 13. IMPROVED GOLDEN WAX

(49 days.) The best known standard variety of wax bean. Exceptionally hardy and rustproof. Pods are  $4\frac{3}{4}$  inches long,  $\frac{1}{2}$  inch wide; straight, thick, flat, creamy-yellow in color, stringless, and of good quality. Plant is small, erect. Seeds are short-oval, white with mottling of violet and light yellow around eye and ends. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 20c per lb.

## 15. SURE CROP STRINGLESS WAX

(53 days.) Particularly favored by truckers and shippers. Its desirable features include resistance to blight and rust, exceptional hardiness and vigor—even in dry sections, good quality and heavy yield. Pods are  $6\frac{1}{2}$  inches long,  $\frac{1}{2}$  inch wide; golden yellow, thick flat, brittle, strictly stringless, of fine texture and quality. Seeds are oval, jet black. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 20c per lb.

## 16. UNRIVALED ROUND POD WAX

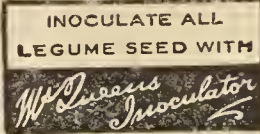
(52 days.) An extremely prolific and attractive home and market growers' sort. Very popular among our market gardener trade. Pods are  $5\frac{1}{2}$  inches long,  $\frac{3}{8}$  inch wide; deep yellow, narrow, thick-flat, brittle, stringless when young. Plant is dwarf, erect, stocky, highly productive. Seeds are small, long-oval, glossy golden brown. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 20c per lb.

## 19. EARLY WONDER WAX—(40 days.)

This is the ideal wax bean for the early market, and the first one ready for the home table. Its worth while features include extreme earliness and resistance to rust—plus heavy yield and good quality. Pods are  $6\frac{1}{2}$  inches long,  $\frac{1}{2}$  inch wide, clear waxy yellow, flat, plump, tender, brittle, of fine texture and very meaty. Plant is large, strong, productive. Seeds are yellow. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 20c per lb.

### BEANS SHOULD BE INOCULATED

Bigger yields and better quality crops may be realized through the use of McQueen's Garden Inoculator. The small extra cost will be returned tenfold. One packet McQueen's Garden Inoculator will treat 5 pounds of garden beans. Pkt. 15c or two for 25c, postpaid.



## POLE OR RUNNER VARIETIES

Plant in hills 3 feet apart each way, sowing 4 to 6 beans to a hill. Stake with poles 7 feet high.

### 60. OLD HOMESTEAD OR KENTUCKY WONDER

(65 days.) The most popular pole bean. Fine for home, market and for canning. Will bear heavily all summer if kept picked. Pods are 8 inches long,  $\frac{1}{2}$  inch wide; silvery green, practically round, curved, of good quality and very brittle. Plant is strong climber. Seeds are buff brown. Pkt. 5c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 20c per lb.

### 61. SCARLET RUNNER

(66 days.) Used for decorative purposes as well as for snap and green shell beans. Brilliant scarlet flowers, followed by large delicious pods. Ideal sort for covering fences. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, prepaid.

## FIELD BEANS

### 40. GREAT NORTHERN

The most delicious baking bean grown. A wonderful yielder and one of the most profitable beans. Great Northern is a much better bean for baking and cooking than any navy bean, as it cooks in two-thirds of the time, and is of much better flavor. Beans are larger than common navy beans. Pkt. 5c,  $\frac{1}{2}$  lb. 12c, lb. 20c, 2 lbs. 35c, prepaid.—Not prepaid, 5 lbs. 60c, 15 lbs. at 10c per lb.

### 41. ROBUST NAVY

Plants are of decidedly robust growth. Beans are clear white. Pkt. 5c,  $\frac{1}{2}$  lb. 12c, 1 lb. 20c, 2 lbs. 35c, prepaid.—Not prepaid, 5 lbs. 60c, 15 lbs. at 10c per lb.

### 42. EASY COOK SOY BEANS

(125 days.) For many years Soy Beans have been used as food for human consumption in the Oriental countries. Certain varieties were especially suitable, though only recently have improved strains been tested by experiment stations in this country. We have now a strain that will add a delicious vegetable to your menu and should be tried in every garden. It is easy to cook. Plants are strong, erect, bushy, with purple flowers. Pods contain 2-3 straw-yellow beans. Cook like green beans. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 10 lbs. at 18c per lb.



Great Northern Beans.

## LIMA BEANS

One pound will plant a row 50 feet long.

Lima Beans, tender and fresh from the garden, are the most delicious of all beans. The young green Baby Lima Beans are wonderful when canned.

**CULTURE**—Bush Limas should be planted in rows 3 feet apart in rich soil, 6 to 10 inches apart in the row, always setting the seed with the eye down. Plant about 3 inches deep.

### 50. FORDHOOK BUSH LIMA

(75 days.) The most popular large seeded Dwarf Lima type among the market growers. Fordhook Lima supplied many home tables with big, plump, buttery beans of delicious flavor. Pods are  $4\frac{1}{2}$  inches long, 1 inch wide; contain 3 to 4 seeds. Green shell beans; large thick oval, of excellent quality. Plant is large, erect, vigorous, highly productive. Seeds are white with tinge of green. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25.

### 51. BURPEE'S IMPROVED BUSH LIMA

(75 days.) Another Lima of excellent quality and luscious flavor. Pods are 4 inches long,  $1\frac{1}{4}$  inches wide; contain 4 to 5 seeds. Plant is large, erect, vigorous, and a heavy yielder. Seeds are large, plump, flat, slightly wrinkled; white with greenish tinge. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25.

### 52. HENDERSON BUSH LIMA

(68 days.) Here's a bush bean that produces small, flat, green shell beans of excellent quality. Exceptionally early and fine for canning. Pods are  $3\frac{1}{2}$  inches long,  $\frac{3}{8}$  inch wide; flat, contain 3 to 4 seeds. Plant is small, dark green, erect, bushy, very early. Seeds and dry beans, creamy white. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.20.

### 53. NEW HOPI INDIAN LIMA

Plant seed early. This new introduction is a small, hardy vining Lima that matures anywhere in the United States. Of delicious flavor and an abundant yielder. For making succotash or as a green-shelled Lima, or as a dry bean, it is unequalled by any Lima bean. It can be grown on any well drained soil with or without trellis. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.



**RICH  
RED**

# Table Beets

**TENDER  
and  
DELICIOUS**

**Detroit  
Dark  
Red**

Sow 1 oz. to 50 ft. of drill—5 lbs. per acre.

**CULTURE**—The soil for beets should be rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; continue for a succession as late as the middle of July; when the plants are large enough, thin out to stand six inches apart.

For the home garden, Ethiopia and Early Winesap are the most tender early beets; Detroit Dark Red, Asgrow Canner and Ohio Canner are the best main crop sorts. Days referred to in descriptions represent average time from planting to table.

**83. EXTRA EARLY WINESAP**—(54 days.) The first beet to find its way from garden to family dinner table. Winesap combines excellent quality, flavor and tenderness with its exceptional earliness. Roots are semi-globular, blood red, with small taproot. Tops are medium small, erect. (See inside back cover.) Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, 2 lbs. \$2.25, prepaid.

**84. EARLY WONDER**—(54 days.) First on the early market. A splendid shipping variety. Similar in quality to Winesap. Roots are blood red with small taproot. Flesh is blood red with lighter zones, tender and of good quality. Tops are medium small. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, 2 lbs. \$1.85, prepaid.

**90. ASGROW CANNER**—1936 All-America Award of Merit Winner. Here's a brand new canning beet of splendid quality. A tender, juicy, deep, rich red, Detroit type with slight zoning. Of uniform globe shape and a vigorous grower with good sized tops. (See inside front cover.) Seed scarce. Sold in packets only. 15c per pkt., postpaid.

**88. OHIO CANNER**—(Medium Early). The absence of lighter zones, the smooth symmetrical form and superior color make this one of the most perfect canning and pickling beets yet developed.



Also splendid for market growing and table use. Roots are uniformly round, small taproot. Flesh is intense deep blood red, with no trace of lighter rings. Tops are small, dark. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, 2 lbs. \$2.25, prepaid.

**85. DETROIT DARK RED**—(62 days.) The outstanding late variety for truckers, produce shippers, canners and home gardeners. A most popular, real quality beet. Roots are globular, smooth, uniform, attractive, with small taproot. Flesh is deep oxblood red, with indistinct zones. Splendid quality, sweet and tender. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25, 2 lbs. \$2.25, prepaid.

**87. "ETHIOPIA."**—The darkest red beet we know of. The smooth, globular roots of the "Crimson King" type, grow to a diameter of 3½ to 4 inches, with small tops and taproots. It's a delicious, tender beet with a deep maroon interior color and complete absence of zoning. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.10, 2 lbs. \$2.00, prepaid.



The Finest  
All-Purpose  
Beet.

When young it is  
ideal for: Canning or  
Pickling Whole.

## MANGEL BEETS

An ounce will sow 100 feet of drill, 5 lbs. will sow an acre.

Mangels are of high feeding value for all livestock. They keep hens healthy, and stimulate egg production. Feed at the rate of 25 lbs. to 100 hens per day, with grain.

**CULTURE**—Sow at corn planting time—in drills 2 to 2½ feet apart, on rich moist land, the seed should be planted an inch deep; on dry and sandy soil it must be planted 1¼ to 1½ inches deep. Thin out to stand 8 inches apart in row.

**105. MINNESOTA GOLDEN TANKARD**—The best yellow mangel in cultivation. Has a high sugar content, is a heavy cropper and easily harvested. Roots are large, nearly cylindrical, partly above ground; skin orange. Flesh yellow.

**106. MAMMOTH LONG RED**—The most popular and the best cropper of all the mangels. Yields run from 30 to 50 tons per acre. High feeding value and exceptional quality. Roots are extremely large, slightly tapering, grow half above ground; skin light red. Flesh is white with rose tinge.

**108. GIANT SLUDSTRUP**—A very high yielder. Roots are long, oval, orange colored. Flesh is white with yellow tinge; high in feeding value.

**117. GIANT HALF SUGAR**—Roots are long, oval, white with light bronze-green shoulder. Flesh is white, rich in sugar; a good feeding sort.

**115. SUGAR BEET, KLEIN WANZLEBEN**—The most popular variety for sugar manufacture on account of high sugar content; also good for stock feed. Roots are long, with white skin and flesh.

Prices on all Mangels: Oz. 8c, ¼ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb., 10 lbs. at 45c per lb. Ask for prices on larger lots.



Early Garden-Fresh beets are delicious served with butter or sliced in salads.

Late crop can be pickled or stored for winter use.

Chippewa Falls, Wis.  
May 9, 1935.

F. S. & N. Co.

I like your catalog with its information for planting, average date of maturity, seed needed per acre and moderate claims. It's a mistake to claim the sky. Give one an opportunity to be surprised by more than you claim for seed, rather than be disappointed by less than one expects. Last, but very important, your prices are right. Let's hope we'll become friends.

Peter J. Schmitz.

## SPINACH BEET or Swiss Chard

Swiss Chard produces more food than any other vegetable, in proportion to the space required. The leaves are used for greens and are of much milder flavor, and more delicate texture, than spinach. It will produce a constant crop from early summer until winter. The leaves grow very large with broad, flat stems. Cook like asparagus.

**98. LUCULLUS (SWISS CHARD)**—(55 days.) The most popular of the Chards. Desirable for home or market garden use. Of exceptionally tender quality and good flavor. Rich in vitamins. Leaves are upstanding, large, yellowish-green color, heavily crumpled. Stem is thick, broad, light green. Pkt. 5c, oz. 10c; ¼ lb. 25c, lb. 90c, 2 lbs. \$1.65, prepaid.



Swiss Chard. One of the most healthful greens—rich in vitamins.

## BROCCOLI

### 80. ITALIAN GREEN SPROUTING

A novelty of the cauliflower family which after the first head has been harvested, produces branching sprouts on which are small loose heads 2 inches in diameter. They have a delicate flavor and are most delicious. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.

## BRUSSELS SPROUTS

**70.** One of the most delicious vegetables for winter use, of mild cabbage flavor. Plants grow quite tall, the stems being covered with tiny cabbage-like sprouts that are firm and hard. Cook the small heads and serve with butter or a cream sauce. Start the seed indoors, the same as cabbage, and transplant to the garden in May. Pkt. 10c, oz. 20c, ¼ lb. 75c, prepaid.





Chantenay.

**COMPARE**  
Our Prices on  
**MASTER QUALITY**  
**BABY CHICKS.**  
See Insert in  
Back of Catalog



Nantes  
Coreless.

**172. NANTES CORELESS HALF LONG—**(69 days.) Customers who do not like ordinary carrots are delighted with these. They have a distinct flavor and tenderness all their own, and when half grown they are a rare delicacy on any table. Excellent for forcing as well as for home and market garden use. Roots: 5½ to 7 inches long, 1¾-inch shoulder diameter, bright orange, cylindrical, blunt ended. Flesh: reddish-orange, crisp, tender, and of very delicate flavor; practically coreless. Pkt. 7c, oz. 15c, ¼ lb. 35c, lb. \$1.25, prepaid.

**173. NEW IMPERATOR—**(77 days.) A truly outstanding type, bred for market garden use and for shipping, but also a splendid home garden sort. Tops medium, but strong enough for good bunching. Roots: 7 to 8½ inches long, 2-inch sloping shoulder; smooth, deep rich orange; uniformly tapered to a semi-blunt end. Flesh: rich orange color, extending to center of root, with indistinct core; fine grained, tender and of superior quality. Pkt. 7c, oz. 12c, ¼ lb. 30c, lb. \$1.00, prepaid.

## FIELD OR STOCK CARROTS

**185. YELLOW BELGIAN—**(95 days.) Very similar to White Belgian, except for color—pale yellow skin with green top. Hardy and productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c, prepaid.

**186. WHITE BELGIAN—**(95 days.) Excellent for feeding stock. Very hardy, and a heavy cropper which is easily harvested. Should be grown in deep soil for best results. Sow 4 pounds to the acre. Roots: 10 to 14 inches long, 3 to 4 inches thick at top; skin: green above ground, white below. Flesh: white with tinge of cream color. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c, prepaid.

Psyllium is a seed not intended for culture in this country—it is a native of India, but it is of greatest importance to your general health. Psyllium is a natural aid in the treatment of constipation, and a safe, harmless, non-habit forming regulator.

This seed owes its special value to its ability to supply both bulk and lubrication needed for sufficient bowel action. It gives off a gelatinous oil which produces a mild, efficient intestinal lubrication.

The seeds are taken with the meal as an accessory

One ounce of seed will sow 100 feet of drill, three to four pounds required per acre.

**CULTURE—**The carrot is one of the most nutritious and healthful roots, and should be more generally used for the table as well as for stock feeding purposes. Will grow in any soil; sandy deep loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about one-half inch. The plants should be thinned to two, three, or even four inches apart in rows.

**170. F. S. & N. CO'S SUPERIOR MARKET—**(76 days.) A handsome carrot of the Emperor type. The finest shipping carrot in cultivation. Its splendid quality and attractive bunching appearance makes the new Superior Market sell on sight. Roots: 8 inches long, 2 inches thick at top; with sloping shoulder, tapered to a semi-blunt end, very uniform. Flesh: rich orange color, fine grained, scarcely noticeable core, tender, and of delicious flavor. Pkt. 7c, oz. 15c, ¼ lb. 35c, lb. \$1.25, prepaid.

**171. DANVER'S HALF LONG—**(75 days.) The best known and one of the most reliable carrots for home and market gardening. Easily harvested, a good keeper and an excellent shipper. Roots: 6 to 7½ inches long, 1⅞-inch shoulder diameter; bright orange, tapered to a blunt end. Flesh: bright orange, tender and of good quality. Pkt. 5c, oz. 12c, ¼ lb. 30c, lb. \$1.00, prepaid.

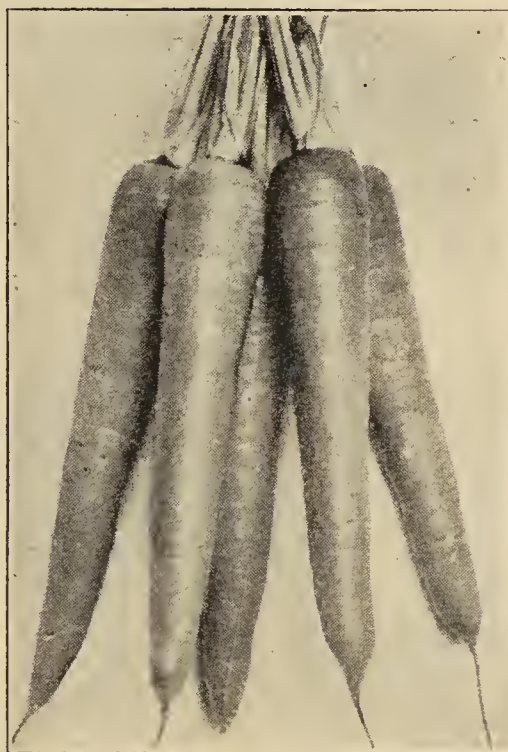


Danver's  
Half Long.

Zumbro Falls, Minn.,  
Route 1  
F. S. & N. Co.

Please send this  
order as soon as possible. And thanks very  
much for the nice garden seed I got this  
spring—never had  
seed grow better.

Mrs. E. H. Perkins.



Imperator.



Superior Market.

**175. EARLY CHANTENAY OR MODEL—**(71 days.) This is an excellent all-purpose, medium-early variety, desirable for home and market garden, and for canners in packing diced carrots. Roots: 5 to 6 inches long, 2¼-inch shoulder diameter; deep orange, smooth, tapered, stump rooted. Flesh: deep orange with indistinct core. Pkt. 5c, oz. 12c, ¼ lb. 30c, lb. \$1.00, prepaid.

**177. RED CORED CHANTENAY—**(71 days.) Here is a distinctly improved Chantenay, with excellent texture and quality of flesh. Its unique interior color and delicate flavor bring a premium on every market and a rare treat to the home table. Roots: 5 to 6 inches long, 2¼ inches thick at shoulder. Flesh: reddish-orange with indistinct core of nearly same color; exceptionally tender and sweet. Pkt. 7c, oz. 15c, ¼ lb. 35c, lb. \$1.25, prepaid.

**174. OXHEART or GUERANDE—**(72 days.) Desirable for home use, prolific and a good keeper. Especially suited to field culture on heavy soils. When fully mature, often used for stock feeding. Excellent table quality when young. Roots: 4 to 5 inches long, 2½-inch shoulder diameter; bright orange, thick, blunt-ended, of heart shape. Flesh: deep orange, tender, of good quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

**MARKET GROWERS:** Ask for  
Special Price List



Oxheart.

## PSYLLIUM OVATA—The Nation's Health Regulator

food in the diet. Leading physicians recommend Psyllium and it is rapidly becoming nationally known.

By direct importation we are in position to quote an exceptionally low price, so that all of our customers may keep Psyllium on hand constantly.

Send for free booklet entitled, "What a Noted Authority Has To Say Regarding Blond Psyllium Ovata in the Treatment of Constipation."

We offer triple re-cleaned, sterilized seed.  
Price: 12-oz. pkg. 35c, 3 lbs. for 85c, 5 lbs., sufficient for two months' treatment, \$1.25, prepaid.



# FINEST *American and Danish Crown* CABBAGE SEED

One ounce of seed will produce about 1,500 plants.  $\frac{1}{4}$  lb. of seed for an acre.

The best way to start cabbage, especially the early sorts, is in hot-beds, flats, or in a greenhouse. Sow the seed  $\frac{3}{4}$  inch deep, in carefully prepared rich garden soil. Seed usually germinates in 5 to 10 days. When ready to transplant, set into paper pots or plant bands, in flats, until time to set outdoors. The plants can then be set out without disturbing the roots, and the paper bands form the best protection against cutworms. Set in rows 2 feet apart, 20 inches apart in the rows.

CABBAGE  
PLANTS  
On Page  
25.



Early  
Jersey  
Wakefield.

## EARLY VARIETIES

**NOTE**—Number of days from setting out plants to marketable heads are listed here.

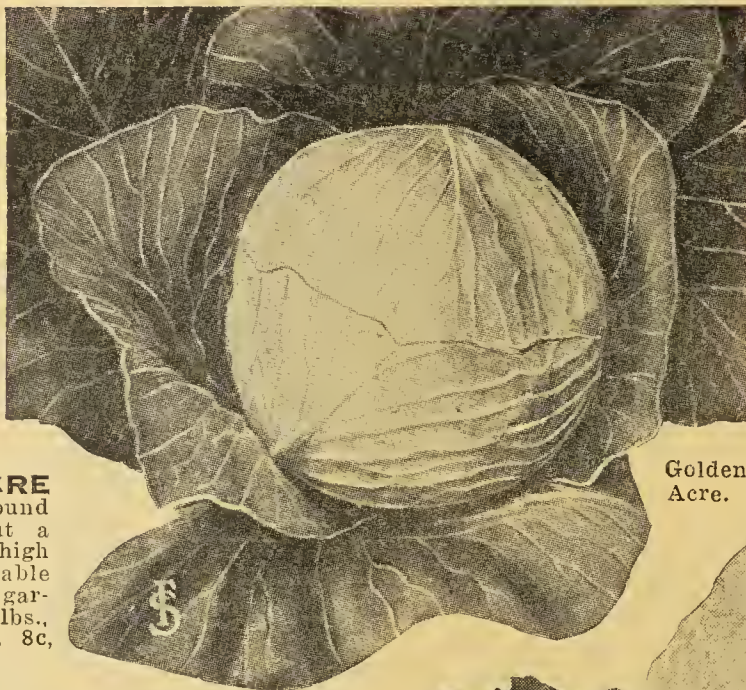
**136. EARLY COPENHAGEN MARKET**—(68 days.) Worth while features of this cabbage include: very early and uniform maturity, compact plants, and excellent quality. Splendid for early market and shipment. Valuable as an early kraut variety and a good home garden sort. Head: 6-7 inches thick, weighs  $3\frac{1}{2}$  to 4 lbs., round, solid and of superior quality. Stem short. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, prepaid.

**138. EXTRA EARLY GOLDEN ACRE**—(63 days.) This is the earliest round headed cabbage. A Copenhagen type, but a week earlier than Copenhagen Market. Of high quality. Golden Acre is the most profitable sort on the early market. Fine for home gardens. Head: 6 inches thick, weighs 3 lbs., small, round and solid. Stem, short. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, prepaid.

**126. GLORY OF ENKHUIZEN**—(75 to 80 days.) A second early sort particularly valuable for kraut. Also popular with home and market growers. A good shipper. Head: 8 inches thick, weighs 5 to 8 lbs., large, round, solid, with few outer leaves, of excellent quality. Stem: medium short. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00, prepaid.

**121. EARLY JERSEY WAKEFIELD**—(62 days.) Notable features of this popular sort include extreme earliness, small plants with short stems—permitting close setting in the row, and hard, compact pointed heads of splendid quality. A valuable addition to home or market garden. Head: 5 inches thick, weighs 2 to  $2\frac{1}{2}$  lbs., small, compact, conical, 7 inches long. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, prepaid.

**133. EARLY DWARF FLAT DUTCH**—(71 days.) A fine medium early sort and a dependable header for market or home garden. It will withstand heat, is noted for flavor and tenderness, and is a fine keeper. Head: 8 inches thick, 6 inches deep, weighs 4 to 5 lbs., nearly round, solid and of good quality. Stem: short. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75, prepaid.



Golden  
Acre.



Danish Ballhead.

Cabbage worms may be controlled with Evergreen, Garden Guard, and Nok-Em-Kold. See page 73 for insecticides.

Late cabbage may be sown in the open, in rows, and transplanted when 4 to 6 inches high.

To prevent maggots in the small garden, put a circular piece of building paper around each plant. The fly cannot then deposit eggs close to the stems of the plants. A spray of carbolic acid solution, 1 to 30, once a week for several weeks after the plants are set out, helps to prevent maggots.

Most cabbage diseases, club root, black rot, etc., are caused by growing cabbage in infected soil. Crop rotation and liming the soil, are the best preventatives. The soil can be sterilized, and a certain immunity to disease established by treating both seed and soil, especially when large quantities are sown, with Semesan. This cannot injure the seed, and will increase yield enormously. Semesan is listed on page 72.

## TO HELP YOU WITH YOUR CABBAGE CROP

Cabbage Plants on page 25.  
Insecticides on page 73.  
Locked Plant Bands and Paper  
Pots on page 26.  
Hotkaps on page 26.

Master Plant Setter on page 26.  
Neponset Flower Pots on page  
26.  
Semesan for treating seed on  
page 72.

## LATE VARIETIES

**140. DANISH BALLHEAD, TRUE HOLLANDER**—(105 days.) The finest late cabbage grown. The head is of an attractive white color, does not burst, and is of exceptional flavor, crispness and tenderness. It survives both cold and dry-hot weather. It will keep throughout the winter in excellent condition. For shipping, for storage, or for kraut—it is unsurpassed. Head: 7 to 8 inches thick, weighs 6 to 7 lbs., very attractive, deep, round and extremely solid. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, prepaid.

**141. DANISH ROUNDHEAD**—(95 days.) This is an early, short-stemmed strain of the famous Danish Ballhead. In yield, head size and quality it is similar to Danish Ballhead. Roundhead, however, is 10 days earlier and has a shorter stem. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, prepaid.

**142. PENN STATE BALLHEAD**—(110 days.) Developed by Penn State College of Agriculture. This late cabbage is the heaviest yielder and the most uniform of all. Especially desirable for winter storage and for kraut. Plants: Medium with short stem. Heads: Large, attractive, flattened globe-shape. Extremely hard. Weighing 15-20 lbs. each. Shows marked resistance to blackleg, and in big demand by market gardeners. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. 90c, lb. \$3.25, prepaid.

**144. PREMIUM LATE FLAT DUTCH**—(100 days.) A deservedly popular late cabbage. Slow growing, sure heading, of immense size and splendid quality. A favorite variety for home and market growing or for winter storing. Head: 10 to 12 inches thick, 7 inches deep, weighs 12 to 14 lbs.; extremely large, flat and solid. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00, prepaid.

Market Growers  
Ask for  
Special Price  
List



# FINEST CABBAGE, CAULIFLOWER & CELERY STRAINS

## YELLOW RESISTANT CABBAGE

R. C. Rose, Extension Pathologist at the Minnesota Experiment Station, recommends Yellow Resistant varieties for disease infested soils.

**134. HOLLANDER, WISCONSIN NO. 8**—(100 days.) A splendid late cabbage for storage, shipment and kraut manufacture. A heavy yielder on land infested so badly with yellows disease that other varieties fail completely. Head: 8 inches thick, weighs 8 lbs., large, almost globe shaped, very firm and of excellent quality. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.75, prepaid.

**137. WISCONSIN "ALL SEASONS"**—(90 days.) An excellent kraut and winter keeping sort—valuable in areas infested with "Cabbage Yellows"—also resistant to wilt and will survive heat and drought. Head: 11 inches thick, 8 inches deep, weighs 9 to 10 lbs. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.75, prepaid.

**151. DANISH RED STONEHEAD**—(90 days.) A medium sized red cabbage of exceptional tenderness and flavor. Very good for pickling or winter storage. Head: 7 to 8 inches thick, weighs 6 to 7 lbs., round, solid, compact. Pkt. 8c, oz. 20c, ¼ lb. 60c, lb. \$2.25, prepaid.

**152. MAMMOTH RED ROCK**—(98 days.) The largest and best of the red cabbages. Of superior quality and an excellent keeper. Head: 7 inches thick, weighs 7 to 8 lbs., round, extremely hard, color purplish red. Pkt. 8c, oz. 25c, ¼ lb. 75c, lb. \$2.75, prepaid.

**156. SAVOY CABBAGE, LATE DRUMHEAD**—(90 days.) A vigorous grower and the largest solid heading Savoy sort. In flavor it is quite unique, and distinct from other cabbage. Head: 7 inches thick, weighs 6 to 7 lbs., nearly round, full and hard. Leaves: large, crimped, dark green, of good quality. Pkt. 5c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.

## Finest Danish Grown Cauliflower

One ounce of seed will furnish 1,000 to 1,500 plants, 6 to 7 ounces plant an acre.

Note: Number of days from setting out plants to marketable heads are listed here.

**CULTURE**—Sow the seed in flats or hotbeds, in a rich soil composed of equal parts of garden soil, leaf mould, and sand. Seed may be started in February or March. Transplant to other flats, or to paper pots, when the plants are 2 or 3 inches high. Set outdoors as soon as weather permits, 2 to 3 feet apart each way. The soil should be very rich, containing plenty of

humus matter and moisture. While the heads are forming, water freely, and apply liquid manure or light dressing of nitrate of soda and potash. When the heads have formed and are hard, tie up the outer leaves to blanch the heads. Cauliflower needs cool, rather damp weather and will not form good heads in a dry, hot season or in dry sections.

**166. SUPER SNOWBALL CAULIFLOWER**—(52 days.) An extra early strain of the famous Snowball with particularly attractive pure white, solid heads. Excellent for forcing or general field culture. Its early and even maturity and unsurpassed quality brings a premium on any market. Heads: 6 to 7 inches thick. (See inside back cover.) Pkt. 20c, ¼ oz. 65c, ½ oz. \$1.10, oz. \$1.95, ¼ lb. \$7.00, prepaid.

**160. EARLY SNOWBALL**—(55 days.) One of the best and most widely used early varieties. The plants are dwarf with short, pale green leaves. A dependable header. Although this is an extra early sort, it can also be planted to advantage for late fall and winter use. Head: 6 to 7 inches thick, of medium size, firm, compact, solid, pure white, and of finest quality. Pkt. 10c, ¼ oz. 50c, ½ oz. 90c, oz. \$1.65, ¼ lb. \$5.75, prepaid.



Super Snowball Cauliflower.

**161. SELF PROTECTING DANISH PERFECTION**—(58 days.) A main crop sort of Early Snowball type with somewhat larger heads, and several days later in maturing. However the heads are better protected by large leaves, which does away to a certain extent with the necessity of tying up the leaves to blanch the heads. Head: 7 to 8 inches thick, weighs 2¼ lbs., compact, snow white and very attractive. Pkt. 15c, ¼ oz. 60c, ½ oz. \$1.00, oz. \$1.75, ¼ lb. \$6.00, prepaid.

**165. DRY WEATHER OR DANISH GIANT**—(67 days.) A variety well adapted to dry weather conditions. It is later than Early Snowball and of larger growth. Heavy foliage fully protects the heads, which are less liable to blight in hot weather. Dry Weather requires less moisture than other sorts, yet quality is superb. Head: 6 to 8 inches thick, weighs 2 lbs., hard, creamy white and of delicious flavor. Pkt. 10c, ¼ oz. 50c, ½ oz. 90c, oz. \$1.65, ¼ lb. \$5.75, prepaid.

**PLANTS!**  
For Cabbage,  
Cauliflower and  
Celery Plants,  
See Page 25.

## SUPERIOR—CELERY—STRAINS

**CULTURE**—Sow the seed in flats, during February or March. Celery seed germinates slowly and the surface of the soil must be kept constantly moist. Cover the seed very lightly, with fine sand rather than with soil, to prevent a hard surface. When plants are 2 or 3 inches high, transplant them to other flats. In May, set them out in rows 3 feet apart, 6 inches apart in the rows.

To blanch celery, hill up the stalks with earth, but do not let any dirt fall into the hearts of the plants, and do not work at it while wet. Celery may also be banked with boards pushed close to both sides of the rows. For winter store in cellar.

**195. SELECT FRENCH GOLDEN SELF BLANCHING**—(118 days.) This is the best Celery for early table use, and is the most popular grown for the market. Bleaches as well as any yellow variety but not recommended as a late sort. The plants grow to medium size, and are stocky and compact. The heart is rich golden yellow, with light yellowish green outer stalks and leaves. Stalks are broad and heavy, but remarkably crisp and tender, entirely free from stringiness and of fine flavor. Pkt. 10c, oz. 45c, ¼ lb. \$1.50, lb. \$5.00, prepaid.

**196. WHITE PLUME**—(112 days.) An extra early, attractive variety. Stalks: medium, easily blanched to pure white, solid, crisp and of good quality. One of the best for early table use, but cannot be kept through the winter. Pkt. 5c, oz. 20c, ¼ lb. 70c, lb. \$2.50, prepaid.

**197. AMERICAN GOLDEN SELF BLANCHING**—(120 days.) Popular with market gardeners and shippers. Plants are medium in height, stocky and compact; foliage yellowish green; stalks are very solid, broad, of delicate nutty flavor; blanches readily to golden yellow. Pkt. 8c, oz. 25c, ¼ lb. 75c, lb. \$2.75, prepaid.

**198. MICHIGAN GOLDEN**—(Yellows Resistant Strain.) A new strain of self-blanching Celery highly resistant to yellows or root rot. It is intermediate in type between Tall Golden and Golden Plume. It has shown unusual resistance to yellows on infested soils. Recommended by Michigan State College. Pkt. 15c, ½ oz. 85c, oz. \$1.50, ¼ lb. \$5.00, prepaid.

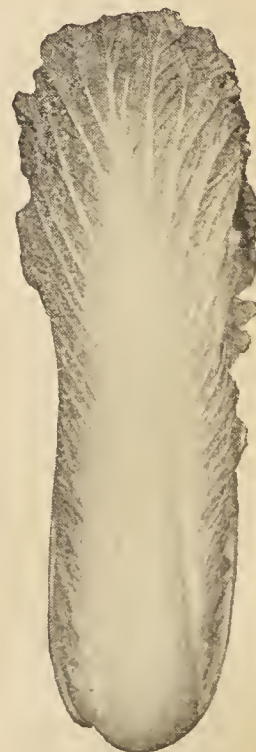
An ounce of celery seed will produce 7,500 plants—¼ pound of seed will produce enough plants for one acre. Note: Number of days from planting seed to edible stage are listed here.

## CHINESE CELERY CABBAGE

**158. WONG BOK**—The largest of the Chinese Cabbages, a little shorter and thicker than the "Pe Tsai" variety, and will not go to seed as readily. Delicious as a salad vegetable. It resembles Cos lettuce, the heads being long, with tightly folded, crisp, white leaves, as tender as those of head lettuce. The flavor is that of very solid cabbage, blended with celery. Do not sow until June or July to avoid flowering. It makes a delicious salad, sliced and served with French dressing. Boiled like cabbage, Celery Cabbage is especially fine. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

### 159. CHINESE CELERY CABBAGE (For Poultry)

A new cheap, green feed of great value for poultry, more productive than lettuce, spinach or mangels. Sow the seed in rows ½ inch deep and 24 inches apart, using 3 lbs. seed per acre. An ounce of seed will provide green feed for 100 hens for 4 months. Commence feeding Chinese Cabbage when plants are 4 inches high, pulling out every other plant. Plants form heads of 5 to 7 lbs. in 2 months, which can be stored until wanted. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50, ppd.



Chinese Celery Cabbage.



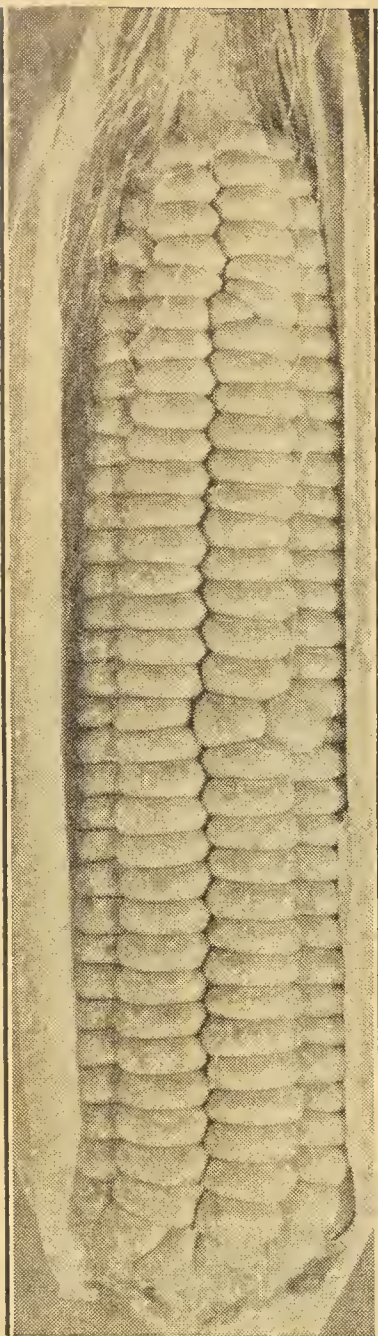
Golden Self Blanching Celery.



# Grow **BETTER SWEET CORN** for HOME AND MARKET

**FINEST NEW NORTHERN GROWN VARIETIES**

One pound of seed will plant 100 hills; use 12 pounds per acre.



Early Golden Gem.

**CULTURE**—A rich warm soil will give the best results. Work soil thoroughly before planting. Plant in hills 3 to 3½ ft. apart each way, or sow in rows 3½ ft. apart, placing the seed about 8 inches apart in the rows. Plant as soon as danger of frost is past; for succession, plant every two weeks until July. Give frequent and thorough but shallow cultivation.

**NOTE:** Days from planting to eating stage are listed.

**228. EXTRA EARLY GOLDEN GEM**—(60 days.) Originated by the North Dakota Agr. College. Now the long-looked-for time when luscious corn on the cob may be enjoyed has been advanced 10 to 12 days, for Golden Gem is ready that much earlier than its grandparent, Golden Bantam. It is proving a gold mine to market gardeners in reaching the earliest market. Ear: 6 inches long, 8 rowed; kernels deep yellow, tender, exceptionally sweet and of good flavor. Stalk: 4 to 4½ feet high; frequently bear 2 ears. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid: 5 lbs. \$1.50, 15 lbs. at 22c per lb.

**223. EARLY SUNSHINE**—(66 days.) Another noteworthy development of the North Dakota Experiment Station. An early yellow variety, with a larger ear, and about 5 days ahead of Golden Bantam. Highly prized by market growers and excellent for home garden. Flavor, tenderness and quality are superb. Ear: 7 inches long; 10 to 14-rowed; kernels medium broad, golden yellow, sweet, tender and of good flavor. Stalk: 5 to 5½ feet high. Pkt. 5c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**226. GOLDEN BANTAM**—(70 days.) To most home gardeners, Sweet Corn means Golden Bantam. It is the most widely known and most popular variety. Also desirable for trucking and canning. It is medium early, dependable and of wonderful quality. Ear: 6½ inches long, 8-rowed, kernels broad with tender hull, sweet and of exceptionally fine flavor. Stalk: 5 to 5½ feet high. Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 45c, prepaid.—Not prepaid: 5 lbs. \$1.00, 15 lbs. at 18c per lb.

**NOTE** — Don't buy Hybrid varieties of Sweet or Field Corn with the idea of saving your own seed. By doing so these strains will revert and lose their hybrid vigor and productivity. First generation seed only should be planted from the breeding plots of experienced growers. The extra returns more than offset the seed cost.



Minihybrid No. 202.



Early Sunshine.

**227. GOLDEN HUMMER**—(67 days.) Also known as Golden Early Market. One of the finest extra early yellow varieties for market. Ears have strong husks, 8 to 12 rowed and 6½ inches long. Kernels are golden yellow, tender, sweet and of good flavor. Stalk: 5 ft. Very heavy yielding for such an early sort. Fine for home gardens also. Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 45c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 18c per lb.

## Use "Master Ear Worm Dust"

Remember what a time you had with ear worm in your sweet corn in the past? Well here's an easy, inexpensive way to put a stop to the ravages of the corn ear worm this year.

Merely apply "MASTER EAR WORM DUST" when the silks begin to appear. Apply every 10 days until 2 or 3 applications have been made.

"MASTER EAR WORM DUST" is very easily and quickly applied, and saves its cost tenfold in enabling you to produce a perfect crop of sweet corn. Full instructions on every package. (Use 40 to 50 lbs. per acre.)

Prices: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 75c, 10 lbs. \$1.25, 100 lbs. \$5.00.



## TREAT ALL SEED CORN IN 1936!

**BARBAK III**, the super corn seed disinfectant. Four ounces is sufficient to treat two bushels of corn. Increases germination and stand, and insures vigorous seedlings. See page 72 for details. We offer treated Sweet Corn in 5-lb. lots and over at 2c per lb. extra.

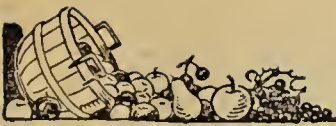
## 244. SPECIAL COLLECTION FOR "ALL SUMMER LONG" PICKING

Now you can pick fresh Sweet Corn throughout the summer and how good that flavor can be if picked just an hour before using. It's easy to arrange this at planting time, and to help you here is a collection that may be planted at the same time and will keep your table supplied with Sweet Corn all summer.

A—Early Golden Sunshine. Extra early.  
B—Golden Bantam. Medium early. Always dependable.  
C—Stowell's Evergreen. Best late white variety.

**SPECIAL** { 1 pkt. of each of these 3 varieties... 15c  
**PREPAID** { ½ lb. of each of these 3 varieties... 50c  
**PRICE** { 1 lb. of each of these 3 varieties... 85c





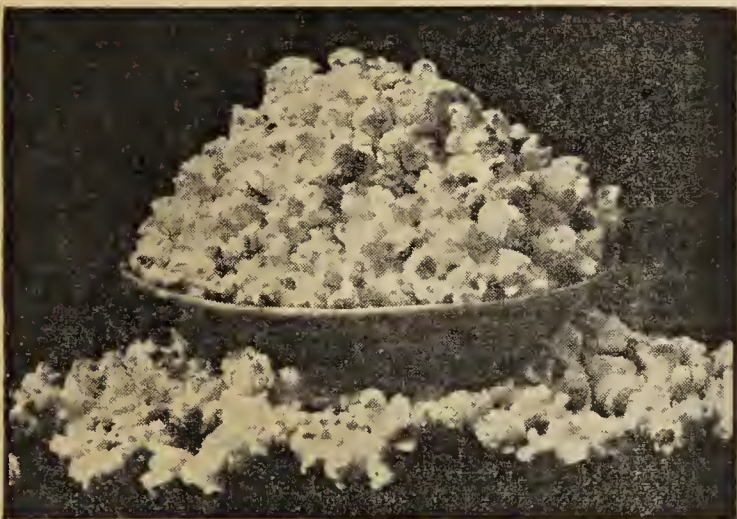
# SWEET CORN—POP CORN



**235. GOLDEN COLONEL SWEET CORN—**(93 days.) (1936 All America Award of Merit Winner.) Think of it! Delicious golden yellow, sugar-sweet corn, in prime eating stage, when there is nothing but white corn on the market. A cross between Country Gentleman and Golden Bantam with the late maturity, nectar sweetness, and juicy tenderness of Country Gentleman, plus the deep golden yellow color and delicious flavor of Golden Bantam. The "shoe-peg" kernels are set in zig-zag pattern. (See inside front cover.) Pkt. 15c, 1/2 lb. 30c, lb. 55c, 2 lbs. \$1.00, prepaid.—Not prepaid, 5 lbs. \$2.00, 15 lbs. at 38c per lb.

**233. BLACK MEXICAN—**(88 days.) A popular midseason, white variety for home or market garden use. Many are misled by the bluish black color of the ripe seed, but when in table condition, kernels are pearly white, rich in flavor and very tender. Ear: 7 1/4 inches long, 8-rowed. Stalk: 6 feet high. Pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**234. OREGON EVERGREEN—**(87 days.) A medium late variety which has long been a favorite on the Pacific coast. It has recently been found to produce successfully in the Middle West. We ask canners, home and market gardeners to try this corn. Ear: 7 1/2 to 9 inches long, 14 to 18-rowed, medium thick; kernels clear white, medium length, sweet and of good flavor. Stalks: 7 to 7 1/2 feet. Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. 20c per lb.



"Farigold"—Large, butter-colored kernels of delicious flavor.

**250. "FARIGOLD" SOUTH AMERICAN YELLOW—**A real Pop Corn sensation—pops the largest kernels of any variety—has a rich golden butter color—very fine flavor—crisp and tender. The ears are much larger than other varieties—7 to 9 inches long and the kernels are golden yellow color. It is the most profitable variety to grow as it produces more bushels per acre on account of its large ears. This Pop Corn is of South American origin. We have successfully matured our own special seed crop here in Minnesota so that the seed we offer will mature earlier. S. A. Yellow Pop Corn cannot be equalled for popping quality—it pops almost double volume of bulk of other varieties and therefore is in great demand by poppers, or for home consumption. (See inside front cover.) Northern Strain: Pkt. 8c, 1/2 lb. 25c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. and more at 22c per lb. Farigold Recipe Folder Free.

**243. BURBANK GOLDEN AMBER—**A new golden yellow pop corn of exceptional tenderness, surprisingly early and about the finest quality of any butter colored pop corn we have discovered so far. This season when all corn carried excess moisture, Burbank was fully matured and in popping condition by November 1. An average ear makes a popper full of the finest flavored corn you ever tasted, and of a golden butter color. Ears average 7 in. long, diameter 1 1/4 in. A most profitable and prolific variety for the Northwest and a popping corn that poppers will be eager to learn about. Price: Pkt. 8c, 1/2 lb. 25c, lb. 40c, prepaid.—Not prepaid, 5 lbs. \$1.50, 15 lbs. and more at 25c per lb.

**242. STOWELL'S EVERGREEN—**(90 days.) The most popular late variety of Sweet Corn. Highly desirable for home or market gardening or for canning. Holds its prime condition at eating stage a long time. Ear: 9 inches long, 16 to 20-rowed; kernels clear white, deep medium width, sweet and tender. Stalk: 8 to 10 feet high, sturdy and erect. Pkt. 8c, 1/2 lb. 25c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**243. COUNTRY GENTLEMAN—**(93 days.) Here is a late, prolific variety of excellent quality, used widely by canners; also very desirable for home and market gardens. Ear: 7 1/4 inches long; kernels very deep, slender, sweet, with tender hull, and set irregularly without row formation. Stalks: 7 1/2 feet high, often bearing 2 ears. Pkt. 8c, 1/2 lb. 25c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.30, 15 lbs. at 24c per lb.

## SWEET FODDER CORN

**245. EVERGREEN SWEET FODDER CORN—**This variety will grow 9 to 10 feet high and produce a great amount of fodder, which is equal to the best hay. It will increase the production of milk wonderfully, when fed to dairy cows. Stalks are sweet, tender, juicy, and nutritious, with large broad leaves produced in great abundance. Lb. 20c, prepaid.—Not prepaid, 5 lbs. 80c. See Blue Figure Price List for larger quantities.

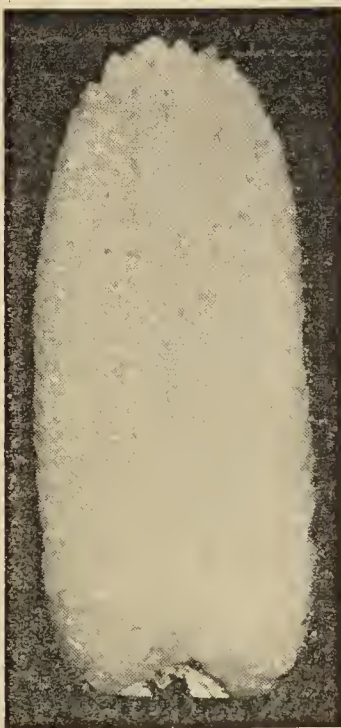
## Make More Money

### Grow Better POP CORN Varieties

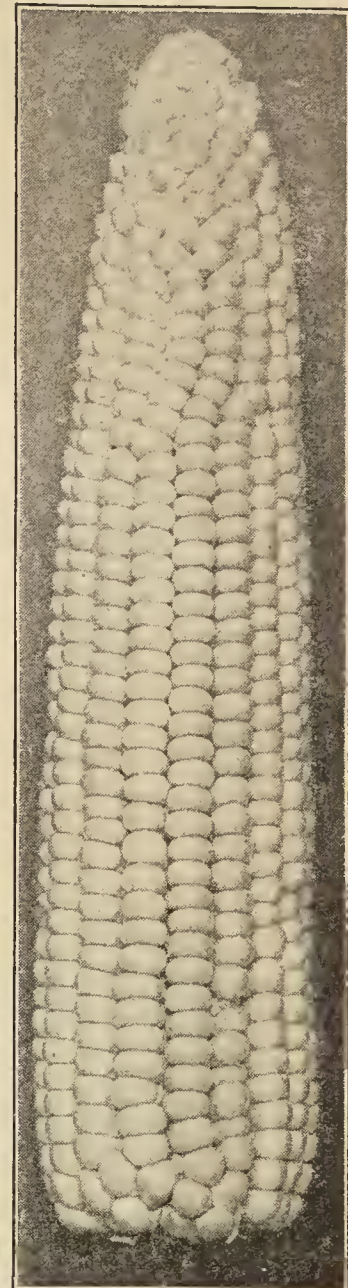
Pop corn is a profitable crop and one that is always easily disposed of, because of the large demand for corn for popping. It yields well even in unfavorable corn seasons. It is an excellent crop for the boys and girls to grow, and yields almost as much good fodder as field corn.

Plant 12 pounds to the acre, in drills, or use 6 pounds if planted in hills. Plant in rows 3 feet apart, dropping the seed 1 1/2 feet apart in the rows. We have discarded all but the outstanding varieties of Pop Corn and proven money-makers. Such old timers as White Rice and White Spanish cannot compete in quality and flavor with the newer introductions.

**252. NEW HYBRID JAP HULLESS—**Here is the last word in pop corn—the latest triumph of the Minnesota Experiment Station, far surpassing standard Jap Hulless in yield and popping expansion. Minn. Station records over 3 years show 16% greater yield per acre. Its most amazing feature is apparent when the corn is popped, for it expands to a surprising volume (measured at 29% more than ordinary Jap Hulless). This huge popping volume makes this the most highly prized corn for popping and commercial use. We do not hesitate in recommending it as the finest pop corn obtainable from the standpoint of quality, flavor and tenderness. (See note page 8 on saving seed from Hybrid plantings). Seed is exceptionally scarce as this variety has just been introduced. Offered in packets and half pounds only. Pkt. 15c, 1/4 lb. 35c, 1/2 lb. 60c, prepaid.



New Hybrid Jap Hulless.



Stowell's Evergreen. One of the Best Late Varieties.

**249. JAPANESE HULLESS—**This dwarf corn is used extensively by pop corn venders. The ears are only 2 to 3 inches long, but every kernel on the cob will pop, so there is no waste. Japanese Hulless Pop Corn is almost again as productive as White Rice. The kernels are longer and more slender, and have no hulls. 2 1/4 oz. pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. and more at 18c per lb.

**251. BLACK BEAUTY POP CORN—**A pop corn novelty of genuine merit. Easy to grow and mature wherever Jap Hulless can be grown. Black Beauty produces long straight ears filled with large black kernels. Pops up to huge white pop corn of unusual flavor and exceptional tenderness. This tremendous volume of popped corn makes Black Beauty very desirable for making pop corn balls or any other pop corn confection. Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 18c per lb.

## TRY THE NEWEST POPPING CORN!

Everybody likes Pop Corn—you can't eat too much and it is the least expensive of all confections. Serve pop corn balls, crackerjack, sugar corn, or just well buttered pop corn, and provide a real treat on a few moments notice. We recommend especially "Farigold," Hybrid Japanese Hulless and Burbank Golden Amber.

## RAPID FIRING POPPING CORN Not Suitable for Seed

| PRICE, NOT PREPAID:                                              | 5 lbs. | 10 lbs. |
|------------------------------------------------------------------|--------|---------|
| "Farigold" So. Amer. Yellow, Southern Grown....                  | \$0.80 | \$1.50  |
| Burbank Golden Amber .....                                       | .80    | 1.50    |
| Japanese Hulless .....                                           | .60    | 1.10    |
| New Hybrid Jap Hulless .....                                     | .80    | 1.50    |
| Black Beauty .....                                               | .60    | 1.10    |
| Postage on 5 lbs. to third zone (300 miles) 17c, on 10 lbs. 27c. |        |         |



**COOL  
CRISP**

# CUCUMBERS

for SLICING  
AND  
PICKLING

An ounce of seed will plant 50 hills; three pounds will plant an acre.

Note: Days from planting to picking are listed here. The letters W. S. and B. S. indicate the white spined and black spined varieties.

**CULTURE**—Cucumbers require rich soil. Plant the seed in low, flat hills, 5 to 6 feet apart each way, allowing 12 to 15 seeds per hill. Cover with three-fourths of an inch of finely pulverized soil. Thin out all but 4 or 5 of the strongest vines to a hill.

## PICKLING CUCUMBERS

**255. F. S. & N. CO'S EARLIEST PICKLING**—(53 days.) The finest strain of pickling cucumber. It is early, exceptionally vigorous and hardy, and highly productive. Its quality is unsurpassed. Fruit: 9 inches long, 2½ inches thick, straight, smooth, symmetrical, of dark green color; quality and flavor excellent. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, 2 lbs. \$2.80, prepaid.

**257. CHICAGO OR WESTERFIELD PICKLING**—(59 days.) B. S. Most widely used of the pickling varieties. Also good for slicing. Fruit: 6½ inches long, 2½ inches thick, medium green, square ended, attractive and prolific. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.55, prepaid.

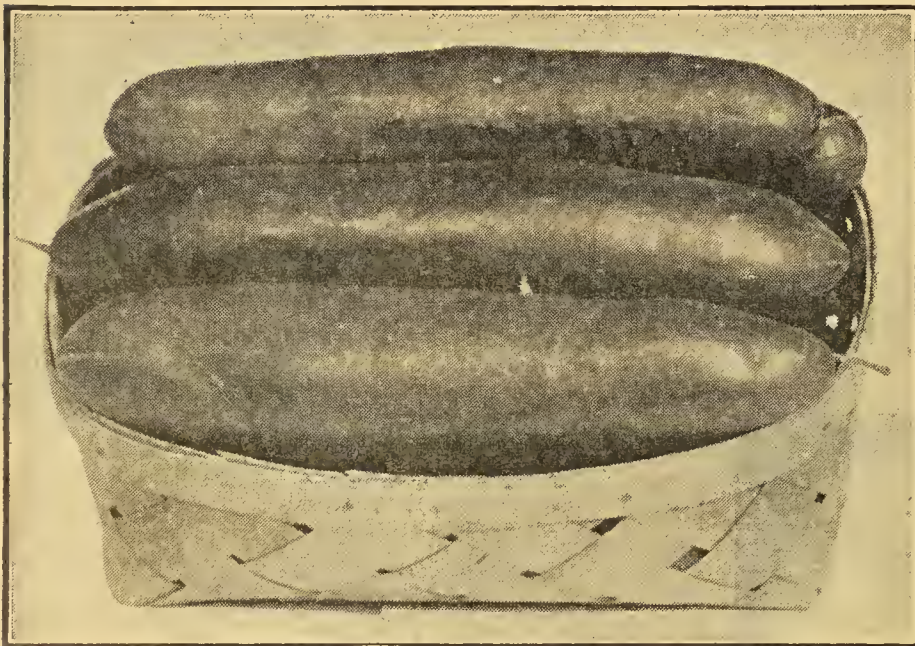
F. S. & N.  
CO'S  
Earliest  
Pickling.

**258. BOSTON OR GREEN PROLIFIC**—(58 days.) B. S. This variety is very early and prolific. It is crisp and tender, fine for pickling. Fruit: 6¼ inches long, 2½ inches thick; weight 1½ lbs.; medium green, slightly tapered. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.55, prepaid.

**260. IMPROVED LONG GREEN**—(70 days.) (Black Spined.) This is a standard late variety for home garden; excellent for slicing; hardy and prolific. Dependable. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, 2 lbs. \$3.25, prepaid.

**259. EARLY GREEN CLUSTER**—(55 days.) B. S. A small, very early and productive pickling variety, with fruits bunched in clusters of two or three. Fruit: 5¾ inches long, 2½ inches thick; weight 1¼ lbs., chunky, uniform, medium green. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.55, prepaid.

**261. EVERBEARING**—(55 days.) B. S. A small, very early variety used for early pickles. Its outstanding feature is that the vines continue to bear throughout the growing season. Fruit: 4½ inches long, 2 inches thick; weight 1¼ lbs., chunky. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.55, prepaid.



Clark's Special Hybrid White Spine.

**267. EXTRA EARLY ARLINGTON WHITE SPINE**—(60 days.) This is a dependable old stand-by for the home gardener. It is early, prolific and of good quality. Fruit: 8½ inches long, 2½ inches thick; weight 2 lbs.; semi-blunt ended, medium green. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.55, prepaid.

**272. THE "VAUGHAN" OR LONG-FELLOW**—(70 days.) W. S. Ideal for home garden, forcing or shipping. One of the best long, late varieties. Excellent quality. Perfectly uniform, long, slender shape. Fruit: 12 to 15 inches long, 2¾ inches thick; weight 2¾ lbs., dark green, symmetrical and attractive. Holds color and crispness well after picking. Pkt. 8c, oz. 15c, ¼ lb. 55c, lb. \$2.00, 2 lbs. \$3.75, prepaid.

**266. CLARK'S SPECIAL HYBRID WHITE SPINE**—(63 days.) A truly outstanding variety for market gardening and for home table use. Holds its color and firmness when shipped long distances. Finer quality is not obtainable. A real profit maker for the market gardener. Fruit: 8½ inches to 10 inches long, 2½ inches thick; weight, 2¼ lbs.; handsome, very dark green color; slightly tapered at both ends; flesh crisp and firm; remains edible for a long time; very few seeds. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.55, prepaid.

### HOW TO PROTECT CUCUMBERS.

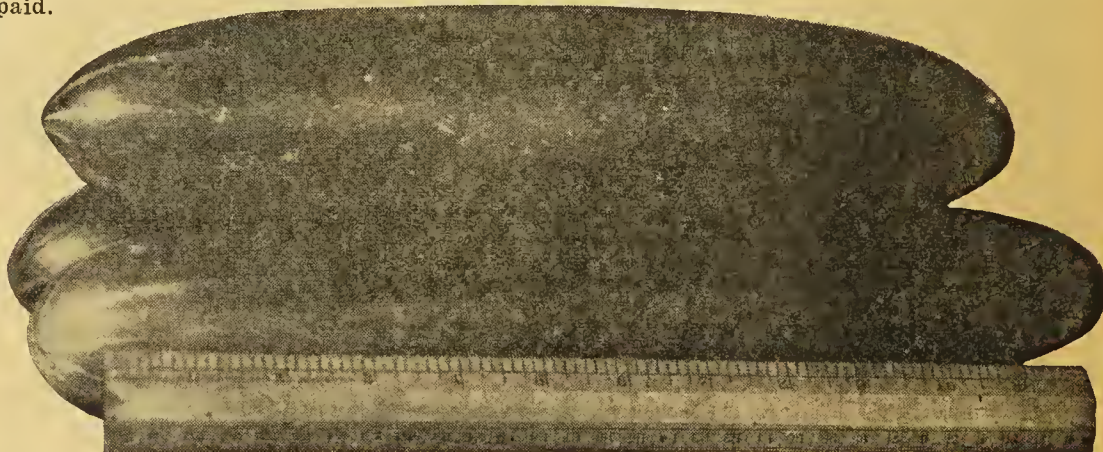
For cucumber beetles use Nok-Em-Kold, Garden Guard, Slug Shot or Arsenate of Lead. For anthracnose or downy mildew use Bordeaux Mixture—See Page 73.

## WHITE SPINE VARIETIES

**270. DAVIS PERFECT**—(65 days.) W. S. An excellent mid-season variety for shipping or home table use. Splendid quality and appearance. Fruit: 9 to 10 inches long, 2½ inches thick, weight 2 lbs.; dark green, tapered at both ends; flesh crisp and of good quality. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, 2 lbs. \$2.80, prepaid.

**256. NEW STRAIGHT EIGHT**—All America Gold Medal Award in 1935. This new introduction produces symmetrical, almost cylindrical fruit—well rounded at both ends. A White Spine variety running quite straight, regularly 8 inches in length and from 1¾-2 inches in diameter. Color: deep green. A vigorous grower and remarkably productive. (See inside back cover.) Pkt. 10c, oz. 20c, ¼ lb. 70c; lb. \$2.50, prepaid.

**271. EXTRA LONG OR EVERGREEN WHITE SPINE**—(65 days.) Another excellent variety for home or market gardening, of about mid-season maturity. Similar to Davis Perfect but larger. Fruit: 10½ inches long, 2½ inches thick; weight 2¼ lbs.; slightly tapered, uniform, dark, shiny green. Pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.55, prepaid.



"Vaughan" or Longfellow. Note Length.

F. S. & N. Co.

Really, I never had so many tomatoes as I did last year, when I planted your Scarlet Topper. We fed bushels and bushels to our pigs. I believe some vines had a bushel of ripe tomatoes. These tomatoes never had a crack or crease on them. They sure yield a perfect fruit. Your White Gold Potatoes are wonderful. We ordered 2 bushels and planted all. We ate new potatoes from July 1 to Aug. 5th and still dug about 15 bushels. As a family of 8 we use lots of potatoes. They stood the drought fine.

Mrs. Jesse Taylor,  
Holcombe, Wis., Route 3



# Enjoy

# Crisp LETTUCE

from  
YOUR OWN  
GARDEN

1 oz. will sow 125 ft. of row; 4 to 5 lbs. plant an acre.

Note: Days from sowing seed to marketable stage are given here. The letters B.S. and W.S. refer to the black seeded and white seeded varieties.

Crisp-As-Ice  
Lettuce.



**341. CHICKEN LETTUCE**—Chickens need green food. This lettuce will yield a large amount of greens throughout the season, as it makes successive crops after cutting. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. \$1.00, 2 lbs. \$1.75, prepaid.

## HEAD LETTUCE

**CULTURE**—For early crops start seed in March in the hotbed, covering 1/4 inch. When seedlings are 2 inches tall, transplant to coldframes, setting them 4 inches apart each way. When the ground is warm enough transplant to garden, setting plants 1 foot apart, in rows 12 to 16 inches apart. For general crop, make successive sowings during April and May, thinning plants to proper distance apart. For a fall crop, sow seed in August, to head during the cool weather of September and October.

**331. ALL SEASONS**—B.S. (75 days.) A highly prized variety for home or market garden. Does well in hot summer weather. Plant is large with medium dark thick leaves and with large, round, firm butter-head which is deep yellow inside and of excellent quality. Pkt. 5c, oz. 10c, 1/4 lb. 35c, lb. \$1.25, 2 lbs. \$2.30, prepaid.

**332. F. S. & N. CO'S MAY KING**—W.S. (61 days.) The earliest heading variety—for the first outside planting. Plants: small, allowing close planting. Leaves: light green, tinged with brown. Head: small, compact, with golden yellow interior and buttery flavor; of fine quality. Pkt. 8c, oz. 15c, 1/4 lb. 40c, lb. \$1.40, 2 lbs. \$2.60, prepaid.

**334. MIGNONETTE**—B.S. (66 days.) A very early home garden variety. So sweet flavored and tender that it has become very popular. Plant small; leaves much crumpled, frilled, medium brown, with dark greenish tinge. Heads round, hard, with well blanched, creamy white heart of excellent quality. Pkt. 8c, oz. 15c, 1/4 lb. 40c, lb. \$1.40, 2 lbs. \$2.30, prepaid.

**335. CRISP-AS-ICE**—B.S. (74 days.) A popular sort for the home garden. Forms compact medium-sized head, well blanched and of delicate flavor. Leaves thick and crumpled; deep green over-laid with dark brown, giving the plants a bronze appearance. Pkt. 8c, oz. 15c, 1/4 lb. 40c, lb. \$1.40, 2 lbs. \$2.60, prepaid.

## CURLED OR LOOSE LEAF SORTS

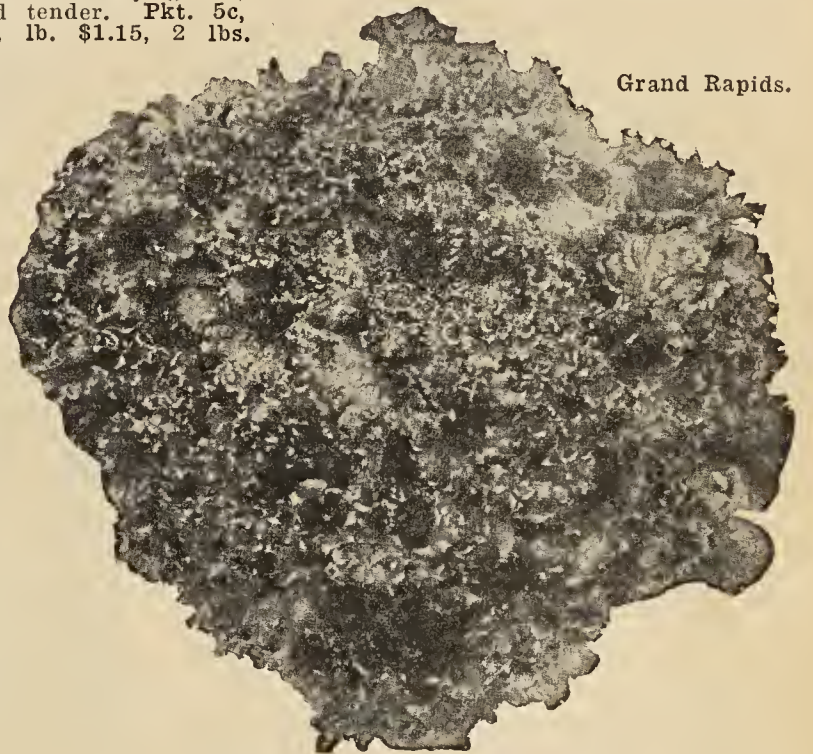
**CULTURE**—Sow as early in spring as the ground can be worked, in rows 12 inches apart; cover seed 1/4 inch. A rich, sandy loam is best. When plants are 3 or 4 inches tall, thin out to stand 6 inches apart. For early crop, start in hotbed in early March, later transplanting the seedlings to coldframes, or to a sheltered position in the garden. If lettuce is cut above the crown, it will grow new leaves. Shooting to seed is due to hot weather and cannot be controlled, for this reason it should be sown very early.

**325. GRAND RAPIDS**—B.S. One of the most popular loose-leaved varieties. Excellent for early planting and greenhouse forcing. It is very early, hardy, and disease resistant and is exceptionally tender when grown under glass. Plants are erect, compact and very handsome. Leaves are light green, broad, wavy, curly and heavily fringed at the edges. Pkt. 8c, oz. 15c, 1/4 lb. 40c, lb. \$1.40, 2 lbs. \$2.60, prepaid.

**329. PRIZEHEAD**—W.S. A very early, quick growing, non-heading sort, which is rapidly becoming the most popular loose-leaf variety for home gardens. Plants are medium size; leaves broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender. Pkt. 5c, oz. 10c, 1/4 lb. 35c, lb. \$1.15, 2 lbs. \$2.15, prepaid.

**326. BLACK SEEDED SIMPSON**—Early and dependable in all parts of America. Popular in many home and market gardens. Plant is large, attractive, compact, non-heading. Leaves are light green, broad and frilled; of fine, crisp texture and splendid quality. Pkt. 5c, oz. 10c, 1/4 lb. 35c, lb. \$1.15, 2 lbs. \$2.15, prepaid.

**327. SIMPSON'S EARLY CURLED**—W.S. The most widely used home garden variety. Early, hardy, dependable. Plant is large, compact, lustrous green, non-heading. Leaves broad, frilled, firm, very crisp and sweet—of excellent quality. Pkt. 5c, oz. 10c, 1/4 lb. 35c, lb. \$1.15, 2 lbs. \$2.15, prepaid.



Grand Rapids.

## MUSHROOM SPAWN

Mushrooms  
from Spawn.



Folder With Full Information  
Free.

American Pure Culture—This spawn is obtained by selecting spores from individual specimen mushrooms, and is propagated and transferred to bricks of manure, which will produce mushrooms true to type with exceptional uniformity and regularity. Bricks weight about 1 1/2 lbs.; a brick will spawn a bed 4 feet square. Pamphlet on mushroom culture with every order.

To grow mushrooms on the lawn, break up the brick of spawn into inch square pieces. Have ready some fresh horse manure, and place a trowel full under the sod at intervals about the lawn. Put a piece of spawn on the manure, and replace the sod. Do this in May. After the warm rains, the lawn will be full of mushrooms.

Price: Brick, 40c, prepaid.—Not prepaid: 5 bricks, \$1.65; 10 bricks, \$2.75.

## MARKET GROWERS

Ask for Special Price List.

**336. HANSON**—W.S. (80 days.) Here is a very hardy, sure heading sort for home gardeners or truckers. Can be grown with success anywhere in America, and good for midsummer planting. Plant: very large with broad, curly leaves, fringed at the edges. Head is large, round, hard, white at the heart, tender and sweet. Pkt. 8c, oz. 15c, 1/4 lb. 40c, lb. \$1.40, 2 lbs. \$2.60, prepaid.

## 338. WONDERFUL, NEW YORK, OR LOS ANGELES

—W.S. (80 days.) The outstanding shipping variety, known in all markets. Flavor and tenderness are combined with unusual keeping qualities. Our special strain is noted for the large size of heads. The dark green leaves are slightly curled on the edges. The large, tightly folded cabbage-like head is well blanched, crisp and sweet. Quality is excellent. Pkt. 10c, oz. 20c, 1/4 lb. 60c, lb. \$2.25, 2 lbs. \$4.00, prepaid.

**339. BIG BOSTON**—W.S. (75 days.) Especially valuable for summer and fall use out-of-doors, and for hotbed and coldframe culture. Good for shipping short distances. Leaves smooth and glossy, with edges wavy and tinged reddish brown. The firm, well folded head, buttery-yellow at the heart, is of excellent quality. Pkt. 8c, oz. 15c, 1/4 lb. 40c, lb. \$1.40, 2 lbs. \$2.60, prepaid.

**340. MIXED LETTUCE SEED**—All kinds mixed. If not sown too thickly, will make a continuous crop. The best early and late varieties of curly leaf as well as head lettuce. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 90c, 2 lbs. \$1.65, prepaid.

## Read About MASTER CHICKS

Compare our Prices on healthy, husky  
Baby Chicks of Proven Quality.

100% Live Delivery  
Shipped C. O. D.

See insert in back of catalog.



# Eat **RIPE SWEET MUSKMELON** *fresh from the Vine!*



Hales Best.

**361. PREMIUM OSAGE**—85 days. An excellent Osage melon about 10 days earlier than Golden Osage, slightly smaller and of same fine table quality. Splendid for home garden and for reaching near-by markets early. Fruits: 6 to 7 inches long, almost round. Similar to Golden Osage in all other respects. Pkt. 5c, oz. 15c ¼ lb. 30c, lb. \$1.10, 2 lbs. \$2.10, prepaid.

**363. YELLOW MEATED JAPAN**—The flesh is thick, salmon colored and of sweet delicious flavor. Fruits are of large size, nearly round, slightly ribbed. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

**364. HEARTS OF GOLD**—95 days. Grown extensively by market gardeners, likewise a good shipping type. Follows the earlier varieties. Quality is splendid. Fruit: 6 inches thick, practically round, weigh 2 lbs., slightly ribbed, covered with fine grey netting. Flesh: very thick, deep pink salmon, tender, juicy, sweet and aromatic. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

**369. BENDER'S SURPRISE**—90 days. An improved surprise melon which is a splendid shipper and a high quality market melon. Also a favorite of many home gardeners. Fruit: oblong, 8 inches long, 6 inches thick, full rounded ends, weigh 7 lbs., coarse netting, distinctly ribbed; skin hard and greenish yellow at maturity. Flesh: bright salmon, of delicious flavor. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.

**349. MILWAUKEE MARKET**—87 days. A delicious large salmon fleshed sort; slightly oval in shape, heavily netted and with prominent ribs. Uniform as to size and quality. Flesh: salmon colored, thick and firm, and of aromatic flavor. Medium early, producing ripe melons late in August. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

## Green Fleshed Varieties

**350. MINNESOTA MELTING SUGAR**—86 days. The sweetest richest flavored of all green-fleshed muskmelons. Fruit: oval in form, distinctly ribbed and heavily netted. Flesh: very firm, of green color, exceptionally sweet, sugary, juicy and tender, with rich aromatic flavor. Vines yield an abundant crop of uniform sized melons, early in season. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

## MUSTARD

**315. WHITE ENGLISH**—Leaves are comparatively smooth and deeply cut; color medium dark green. Mustard leaves are used as a salad, or cut and boiled like spinach. Seed is used for flavoring, in pickles, etc. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid.

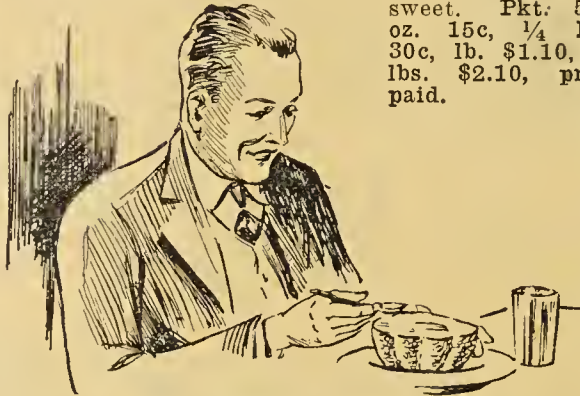
## PEPPER GRASS or CRESS

**295. FINE CURLED**—Crisp, pungent leaves, finely cut and curled, dwarf and compact. Used mostly for garnishing and as a condiment. Pkt. 5c, oz. 10c, ¼ lb. 25c, prepaid.

One ounce of seed will plant 60 hills, 2 to 3 pounds per acre.  
**CULTURE**—Muskmelons or cantaloupe require warm, rich soil, slightly sandy. Plant when all danger of frost is past, in hills 6 feet apart each way, 8 to 10 seeds to a hill. Well-rotted manure carefully worked into the soil is beneficial. After danger of insects is past, thin out to 3 or 4 plants to a hill. Cultivate until vines cover the ground, and pinch off the ends of the vines. Give them plenty of moisture. Early melons ripen in 80 to 100 days. General crop, 110 to 140 days.

## Salmon Fleshed Varieties

**359. EARLY LAKE CHAMPLAIN**—75 to 80 days. Absolutely the earliest of all orange fleshed melons. Fine flavor and quality. A very good early market and home garden variety. Fruit: nearly round, 5 to 6 inches in diameter, slightly ribbed and covered with an open, moderately coarse netting. When fully ripe, fruits show a golden yellow color through the netting. Flesh: fairly thick, deep orange-salmon in color, juicy and very sweet. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.10, 2 lbs. \$2.10, prepaid.



**357. NEW SUGAR ROCK OR HONEY ROCK**—85 days. This is the newest outstanding muskmelon. It is a money-maker and a source of pride for every grower because of its handsome appearance, marvelous and distinctive flavor, and wonderful shipping qualities. Sweet as sugar, solid as a rock and easy to grow. Very popular among home and market growers. Fruit: nearly round, about 6 inches in diameter, weight 4 lbs. Skin grey-green, covered with coarse netting. Flesh: thick, juicy, orange-salmon color, with fine flavor. (See front cover.) Pkt. 8c, oz. 18c, ¼ lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**358. HALES BEST**—80 days. An outstanding early shipping cantaloupe. Flavor and quality excellent, and withstands drought remarkably well. Can be shipped long distances. Fruit: oval, 6½ inches long, almost devoid of ribbing, covered with heavy netting. Flesh: extremely thick, salmon-orange color, sweet and of fine quality. Pkt. 5c oz. 15c, ¼ lb. 30c, lb. \$1.15, 2 lbs. \$2.20, prepaid.

**360. GOLDEN OSAGE**—95 days. Excellent for home and local market garden use; not a good shipper, but a heavy yielder of exquisite flavored melons. Fruit: oblong, 8 inches long, weigh 6 lbs.; exterior very dark green, deeply ribbed, covered with slightly grey netting. Flesh: very thick, deep pink salmon color; fine grained, juicy and sweet. Pkt. 8c, oz. 18c, ¼ lb. 40c, lb. \$1.40, 2 lbs. \$2.55, prepaid.

Golden Osage.



## Special All-Season Collection

Here is a Collection that will keep you supplied with luscious Muskmelons all season long. The cream of all varieties for home garden.

One packet each of the following:

Lake Champlain—Extra early.

Golden Osage—Medium.

New Sugar Rock—Main crop.

The 3 packets, all prepaid for..... **15c**

Baldwin, Wis.  
Sept. 7, 1935.  
F. S. & N. CO.

The 100 chicks I got from you were fine, healthy baby chicks—only seven males in the 100, and they are good lookers now.

Susie Hunter, R4.



Minnesota Melting Sugar—Best of the Green Sorts.



# Best Watermelons FOR THE North

One ounce of seed for 30 hills; sow 4 to 5 pounds per acre.

**CULTURE**—The best soil for growing watermelons is light, rich, and sandy. When the ground is thoroughly warm, and all danger of frost is past, drop 8 to 10 seeds in hills 8 to 10 feet apart, covering the seed about an inch. When the plants begin to run to vines, thin out all but the 3 strongest plants in each hill. Hoe often and thoroughly.

For bugs, dust with Garden Guard or Nok-Em-Kold, and for lice, spray with Evergreen. See page 73.

**371. EARLY ROUND LIGHT ICING**—(85 days.) A very productive mid-season melon of excellent quality. Adapted to home or market gardens in the Northwest. Fruit: weight 20 lbs., oval round, very uniform, light green, with indistinct veining of darker green. Rind thin and tender. Flesh: light red, of excellent quality; seeds white. Pkt. 5c, oz. 10c, ¼ lb. 35c, ½ lb. 55c, lb. \$1.00, prepaid.



New Northern Sweet.

**374. NEW EARLY NORTHERN SWEET**—Here's the newest thing in watermelons for the North. Introduced by Minn. Experiment Station, and the seed was originally brought in from Russia. This amazing melon ripens in 9 to 10 weeks from planting. Of an attractive green color, striped with lighter green. Flesh is dark red and tender, with a rich sugary flavor. Weighs 9 to 10 lbs. Splendid for early market or home garden. (See Inside Back Cover.) Pkt. 10c, oz. 25c, ¼ lb. 90c, ½ lb. \$1.65, 1 lb., \$3.10, prepaid.

**372. EARLY KLONDIKE**—(80 to 82 days.) An early type melon very popular with the home gardener and also highly desirable for shipping. In eating quality it has no equal. Fruit: weight 20 to 25 lbs., oblong, slightly tapering to blossom end; medium sized with slight ribs. Rind medium hard. Flesh: bright deep red, tender and very sweet. Seeds small, black and white. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 75c, prepaid.



Early Klondike.

**370. COLE'S EARLY**—(75 to 80 days.) A leading first early variety for home garden and truckers to local markets; reasonably productive, and particularly desirable for the Northwest as it matures in a short season. Fruit: weight 20 lbs., medium size, short, oval, with alternate light and dark green stripes; tender rind. Flesh: pink-red, of good flavor; seeds black. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 75c, prepaid.

**375. ICE CREAM OR PEERLESS**—(80 to 85 days.) An early sort, well adapted to home gardens and roadside market growers in the North, but not a good shipper. Quality and flavor are splendid. Fruit: weight 20 to 25 lbs., short, oblong, medium green, with fine veining. Rind: thin, tender. Flesh: bright red, very sweet. Seeds white. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 75c, prepaid.

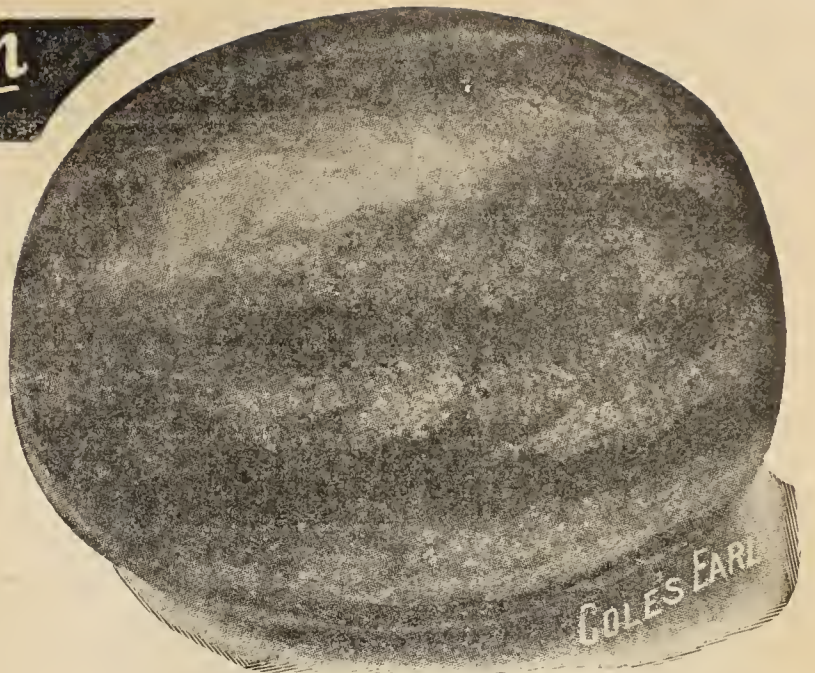
**382. NEW WINTER MELON**—(78 days.) Here's a sweet luscious watermelon for your Thanksgiving dinner, from your own garden. An early sort, very prolific and an excellent shipper. This melon will keep 2 months after picking if properly stored. Fruit: small, weight 10 lbs., round, pale yellow when ripening. Flesh: bright red, crystalline, very sweet. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 75c, prepaid.

**386. EARLIEST AND SWEETEST**—(75 days.) A fine early home garden melon, perfectly adapted to the short growing seasons of the Northwest. Fruit: medium size, weight 10 to 15 lbs., oblong shape, rind mottled with several shades of green. Flesh: scarlet, of extra fineness and sweetness. Entirely free from stringiness. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 75c, prepaid.

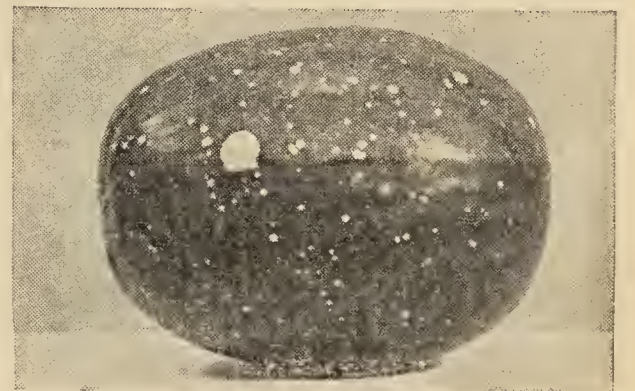
**385. GOLDEN HONEY**—(88 to 90 days.) An excellent home garden or local market melon with amber-yellow flesh that is so sweet, crisp and glistening it fairly melts in your mouth. Fruit: medium size, weight 20 lbs., chunky, nearly round, light green with mottled darker green stripes; rind brittle. Flesh: amber-yellow, crisp and delicious, free from stringy sections. Seeds brown. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 75c, prepaid.

**390. CITRON**—For making preserves. Flesh: clear white and solid. Fruit: round and smooth, quite small. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, prepaid.

**376. STONE MOUNTAIN**—(90 days.) A high quality shipping variety, recently introduced, and already popular in northern markets; also highly desirable for garden planting. A rare combination of large size, good shipping qualities, and mid-season maturity. Fruit: very large, weight 30 to 50 lbs., oval-round with blunt ends; dark green with tough rind. Flesh: rich scarlet, fine grained and sweet. Seeds white with black tips. Pkt. 5c, oz. 10c, ¼ lb. 35c, ½ lb. 55c, lb. \$1.00, prepaid.



Cole's Early.

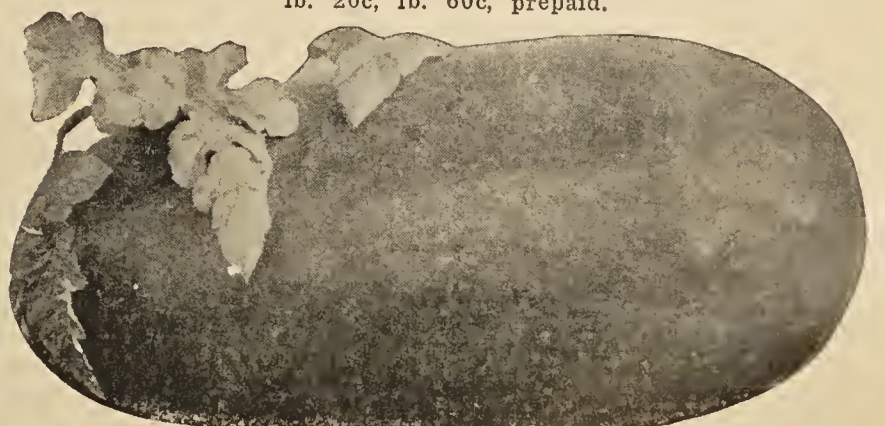


New "Moon and Stars" Melon.

**380. MOON AND STARS WATER-MELON**—It gets its name from the bright yellow spots scattered over the dark green skin of the Melon. The moon is an occasional large spot about an inch across and scattered around it are dozens of small yellow stars. Of medium size, very tender and sweet. Sells readily because of its unusual appearance. Flesh: deep red, crisp and sweet. Seeds black. Pkt. 10c, oz. 15c, ¼ lb. 40c, ½ lb. 70c, lb. \$1.25, prepaid.

**383. KLECKLEY'S SWEET**—(85 days.) A splendid medium early variety, especially desirable for home garden use and for truckers serving local markets. It will not stand long distance shipping. A melon of outstanding quality and unusual sweetness. Fruit: large, weight 30 to 40 lbs., cylindrical dark bluish green, with thin tender rind. Flesh: bright red, tender and extremely sweet. Seeds white. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 40c, lb. 75c, prepaid.

**388. MIXED WATERMELON**—For those wishing an assortment of watermelons, we have put up a special mixture containing our best and most popular varieties. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, prepaid.



Kleckley's Sweet, a delicious medium early Melon.

## OKRA OR GUMBO

The young seed pods of this plant are used for the well known and delicious gumbo soups. Plant in spring as soon as danger of frost is past. Cultivate the same as corn.

**215. WHITE VELVET**—Height 3½ feet; long white pods. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 75c, prepaid.

**217. DWARF GREEN**—Grows low, is very productive. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 75c, prepaid.



# DEPENDABLE ONION SEED

One ounce of seed will sow 150 feet of drill; sow 5 to 6 pounds per acre.

Southport  
Yellow  
Globe.



**CULTURE**—The soil should be very carefully prepared for onions. The richer the soil, the better the crop will be. Plenty of fertilizer and wood ashes, well spaded in, are essential. Sow the seed as early as the ground can be worked, in rows 15 to 18 inches apart, covering  $\frac{1}{2}$  inch deep. When the seedlings are 3 or 4 inches tall, they should be thinned out to stand 3 inches apart in the row. Keep them free from weeds and hoe often.

Pull the onions when the tops die down, dry them off, and store for winter use in a cool, dry place.

## TO MAKE GARDENING A PLEASURE:

Try the most practical Gardening Tools and Implements at low cost, see page 74. Garden Fertilizers on page 72. Insecticides on page 73.

**397. MINNESOTA SOUTHPORT YELLOW GLOBE**—(Late.) A very handsome golden yellow globe of good size and mild flavor, which is very popular on the market. It is a good cropper, medium late, hardy, and possesses excellent storage qualities. Bulbs: medium large, round, yellow, firm and solid. Flesh: white with slight yellow tone. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, 2 lbs. \$5.25, prepaid.

**399. MOUNTAIN DANVERS**—(Early.) This strain is commanding a lot of attention as it is the earliest yellow globe variety and was developed in the mile-high regions of Colorado. It remains firm and usable much longer than any other variety—its color is a fine golden yellow—flavor is mild, and its earliness and long-keeping qualities make Mountain Danvers most suitable for marketing and a profitable variety to grow. Bulbs: three-quarter globe shape, slightly flattened at the base, dark yellow, very hard and thick skinned. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 70c, lb. \$2.50, 2 lbs. \$4.75, prepaid.

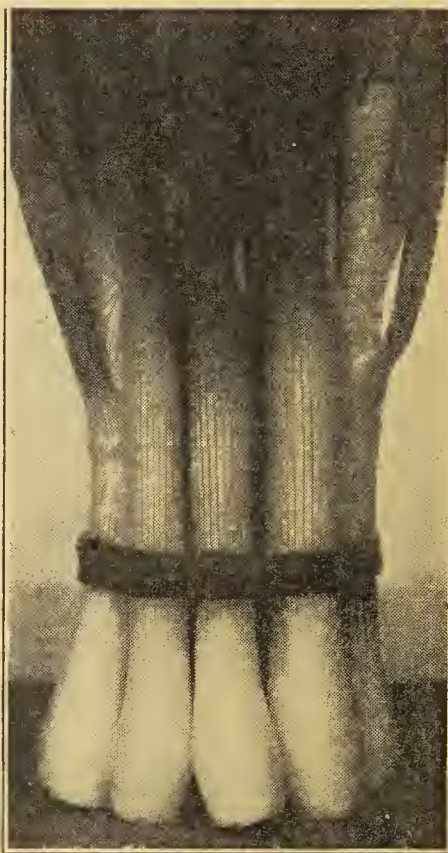
**405. WHITE BERMUDA OR CRYSTAL WAX**—An excellent onion for home garden. Beautiful in appearance, both skin and flesh being a clear delicate white. Bulbs: very flat, medium sized, clear white; of mild delicate flavor. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, 2 lbs. \$5.25, prepaid.

**403. LARGE RED WETHERSFIELD**—(Late.) One of the most extensively grown large red onions. A heavy yielder and a splendid keeper. Used extensively for sets and for storage. Bulbs: medium large, flat on the bottom with sloping top; purplish red. Flesh: fine grained, firm, slightly flushed with pink. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, 2 lbs. \$4.25, prepaid.

**408. MAMMOTH SILVER KING**—(Early.) A large imported variety valuable for early market and of excellent table quality. Bulbs: deep and flat, pure white and exceptionally mild. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, 2 lbs. \$4.25, prepaid.

**411. WHITE PORTUGAL OR SILVER-SKIN**—(Medium Early.) The most widely used white onion. It might be called an all-purpose variety, as it is excellent for sets, as a pickler, for green bunching and for storage. Bulbs: medium size, thick-flat, clear white, hard, fine grained and of pleasing flavor. It is a dependable cropper. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, 2 lbs. \$4.25, prepaid.

**414. MIXED ONION SEED**—This mixture contains seed of all varieties, Globe, Wethersfield, early and late, and "green" onions. It is fine for the small garden, as it will furnish a supply of onions all summer and for winter storage. Also recommended for growing sets. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75, 2 lbs. \$3.30, prepaid.

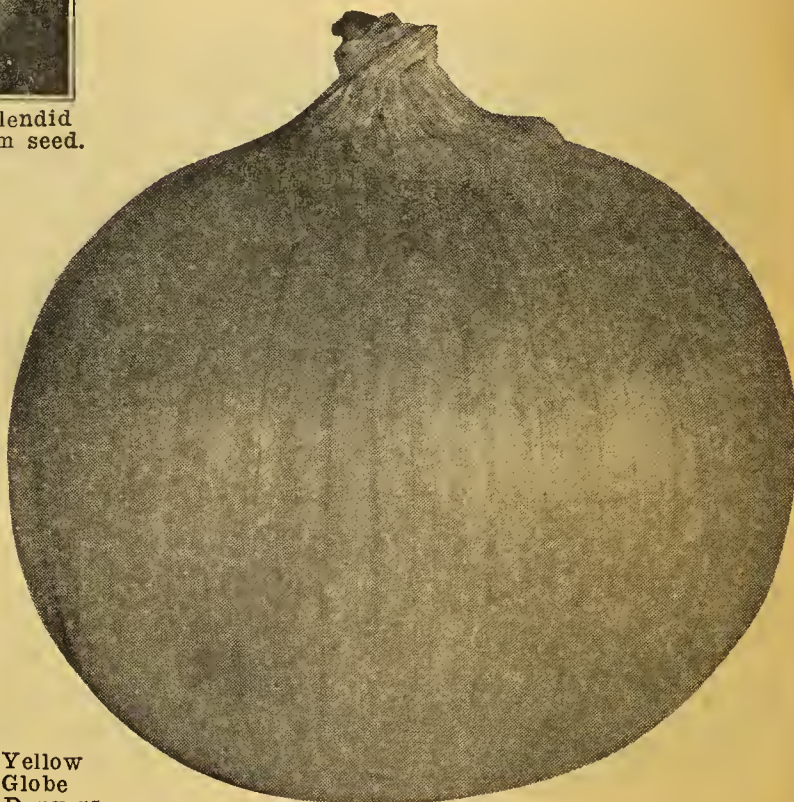


Early White Welsh, a splendid "green onion." Grown from seed.

**407. YELLOW GLOBE DANVERS**—(Medium Early.) A popular, hardy strain of Yellow Globe. It is fairly early and a good cropper. Used extensively for storage. Bulbs: medium large, round, yellow, firm and solid. Flesh: fine grained, creamy white, crisp, mild and of excellent flavor. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, 2 lbs. \$5.25, prepaid.

Read about  
**MASTER CHICKS**  
Compare our Prices  
See insert in back of  
catalog.

Yellow  
Globe  
Danvers.



The Globe onions are the best keepers, and the best winter onions. White onions are of milder flavor than the red and yellow, therefore, most desirable for the table. Prizetaker, Silver King, and Sweet Spanish are the mildest of all. Prizetaker, Mountain Danvers and Yellow Globe onions, being very mild and also excellent keepers, are the best to grow for the home garden. Barletta and Silver-skin are grown largely for pickles, and White Welsh for "green" onions.

The best market gardeners depend on these strains for better profits.

**395. FARIBAULT RED GLOBE**—(Late.) The finest red onion. We offer our special strain of Red Globe produced by years of careful breeding. The perfect globe type is thoroughly established in this variety, resulting in bulbs of the most uniform shape and attractive appearance. They are highly productive and fine keepers. Bulbs: perfectly round, of good size, with small neck and thick, deep purplish red skin. Flesh: white, tinged with pink, of strong flavor. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 70c, lb. \$2.50, 2 lbs. \$4.75, prepaid.

**398. MINNESOTA SOUTHPORT WHITE GLOBE**—(Late.) This is the finest of all white sorts. Its unusually handsome appearance brings a premium on all markets. It keeps well in fall storage. To get fine white onions, great care should be exercised in harvesting the crop. Pull as soon as they are ripe enough to harvest and dry in an airy, shady place. Bulbs: round, medium sized, solid, pure white, very attractive, skin thin and delicate. Flesh: waxy white, fine grained and mild. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 80c, lb. \$2.85, 2 lbs. \$5.50, prepaid.

**409. EXTRA EARLY BARLETTA**—An exceptionally early sort, very popular for pickling and green bunching. Bulbs: small, flat, pure white, of mild sweet flavor. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, prepaid.

**410. EARLY WHITE WELSH**—A hardy perennial, used exclusively for green bunching onions. This variety does not produce bulbs, but provides a good crop of the finest green onions for the market early in spring, in advance of those from sets. They may be left in the ground for years. Seed may be sown in August and September for extra early crop in spring. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, prepaid.

## DID YOU KNOW THAT

—your windshield won't frost in winter weather, if you rub the cut side of a raw onion on it?

Onions will behave, even with company in the parlor, if you cook them, uncovered, in a large amount of boiling, salted water. The flavor is better too.



# ONION --- Seed, Sets, Plants

Sweet Spanish.  
Extremely  
Popular  
for Home  
or Market.

**406. PRIZETAKER**—This onion is outstanding because of its great size and splendid quality. It is similar in type to the large Spanish onions. Our special strain is exceptionally productive. It is a very popular shipping sort. Bulbs: large, globe shape; skin thin and glossy, of straw color; flavor mild. Pkt. 5c, oz. 20c, ¼ lb. 70c, lb. \$2.50, 2 lbs. \$4.80, prepaid.

**415. EARLY WHITE BUNCHING ONION**—(Annual.) Here's an exceptionally early green bunching onion. An annual which forms small bulbs for green table onions—of real quality and mild flavor. Used by leading gardeners for reaching the early market. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.25, 2 lbs. \$4.30, prepaid.

**400. THE GIANT CHINESE GREEN ONION**—“One-A-Meal.” A remarkable green onion of splendid quality. (A perennial.) The striking and attractive white stems grow to the enormous size of 25 to 30 inches in length with 2½-inch diameter, weighing over 3 pounds, on a single stalk. The white part grows very long and straight without the knob. They have a very mild flavor and attain a good marketable size very quickly and need no bunching. Sell at top price for early market. They grow where any green onion can be grown. Pkt. 15c, oz. \$1.00, ¼ lb. \$3.25, prepaid.

## BERMUDA ONION PLANTS

Grow your own first young table onions from Bermuda Onion plants. The plants are grown in Texas from the finest strains of Onion Seed. Like our Frost Proof Cabbage Plants, these onions are grown from seed outdoors, during the winter, and are subjected to cold, ice and snow. They will produce onions two weeks ahead of those raised from seed, and are just about as cheap.

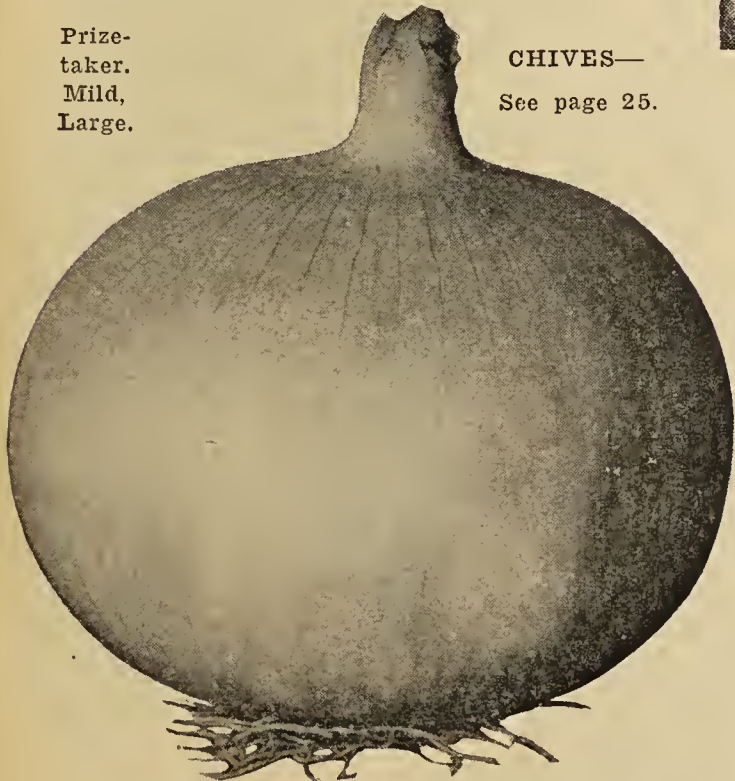
They are perfectly hardy, easy to grow and produce the finest mild-flavored young onions in the shortest possible time. We ship them in bundles of 200 plants, all ready to set out, guaranteed to reach you in proper growing condition. Use them as green onions, or let them develop to creaming size. If allowed to continue growing they will develop good-sized bulbs. Orders will be shipped at proper time for setting out. Set out 100,000 plants per acre.

We can usually supply the following varieties: Yellow Bermuda, Crystal Wax, Prizetaker and Valencia, but in case of shortage we reserve the right to send the varieties available when order reaches us. We prepay to 3rd zone only (300 miles). Beyond that at customers' risk.

Price: 200 plants 35c, 500 plants 70c, 1,000 plants, \$1.10, prepaid.—Not prepaid, case of 6,000 plants, \$3.75. Weight per case, 35 lbs. Prices Subject to Market Changes.

Prize-taker.  
Mild,  
Large.

CHIVES—  
See page 25.

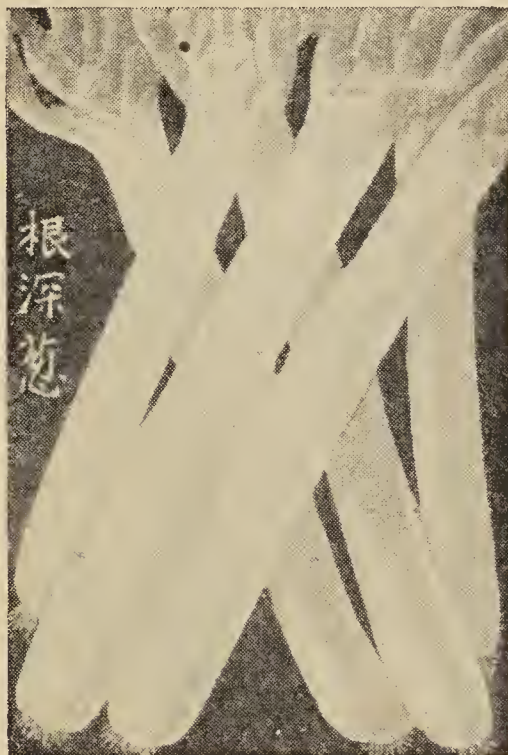


**412. SWEET SPANISH OR VALENCIA**—Here is a new variety of onion that deserves a place in every garden. It is about the mildest onion in cultivation, a product of old Spain, now acclimated to our growing conditions. In appearance it greatly resembles the Prizetaker, with a skin of bright golden straw color. However it is even larger than Prizetaker, and for table slicing it rivals the Bermuda—it may be eaten like an apple. Very prolific and desirable for shipping and fall storage—a money maker for market gardeners. Bulb: very large, globular with golden yellow skin; flesh white, very mild and of pleasing flavor. Pkt. 8c, oz. 25c, ¼ lb. 75c, lb. \$2.75, 2 lbs. \$5.25, prepaid.

## GARLIC BULBS

For Planting

Produces fine, solid, white bulbs in clusters. Used for flavoring sausages, soups, salads. Easily grown and used quite generally. We offer choice bulbs for planting. ½ lb. 25c, lb. 40c, prepaid.—Not prepaid, 5 lbs. \$1.50.



Giant Chinese “One-A-Meal.”

## Beneficial Properties of Garlic

In spite of its strong flavor and tenacious odor, garlic is not harmful to the stomach, even in large quantities. On the contrary, it exercises beneficial effects upon our organism.

Garlic dissolves the crystals, the accumulation of which causes hardening of the arteries. It lowers the blood pressure, accelerates and regulates the blood circulation by stimulating the heart muscles, and also acts as a blood purifier.

Therefore, it gives excellent results in a number of troubles due to deficient circulation or composition of the blood, like varicose veins, piles, rheumatism, etc.—Dr. J. L. Maisonneuve, Paris. (Good sound Garlic Bulbs for planting—see above.)

## ONION SETS

32 lbs. equal 1 bushel. One lb. of sets will plant 25 feet of row or 12 bu. will plant an acre.

Onion sets are planted for onions for early spring use. A pound or two is sufficient for the average family garden. They produce green or bunch onions in half the time it takes to raise these from seed, and can be planted before it is safe to plant anything else.

We quote prices on one pound quantities prepaid. For larger quantities, add postage.

### JAPANESE OR EBENEZER ONION SETS

In shape and color, this variety resembles Yellow Globe Danvers, but it generally produces 50% more onions per acre. Its great superiority over other onions is the big yields, long-keeping quality, and freedom from going to seed. Japanese sets produce marketable onions in June and July, long before any others are ready. Price: Lb. 25c, prepaid.—Not prepaid, 4 lbs. 50c, peck 75c, bu. \$2.50.

### EGYPTIAN PERENNIAL SETS

A hardy variety that may be planted either in spring or fall. They require no attention, spread rapidly, and make the first green onions for the table in spring. Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 55c, peck (7 lbs.) 85c, bu. (28 lbs.) \$3.00.

**YELLOW MULTIPLIERS**—Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 55c, bu. \$2.75.

**WHITE BOTTOM SETS**—Price: Lb. 30c, prepaid.—Not prepaid, 4 lbs. 55c, peck 85c, bu. \$3.00.

**YELLOW BOTTOM SETS**—The onions commonly planted in the home garden for early green onions, also for later use. Price: Lb. 25c, prepaid.—Not prepaid, 4 lbs. 50c, peck 75c, bu. \$2.50.

**RED BOTTOM SETS**—Produce onions of excellent keeping quality and strong flavor. Price: Lb. 25c, prepaid.—Not prepaid, 4 lbs. 50c, peck 75c, bu. \$2.50.

## Know Your Onions

To clear the breath of onions:

Drink a sip of vinegar (about 1 teaspoonful), or eat a sprig of parsley.

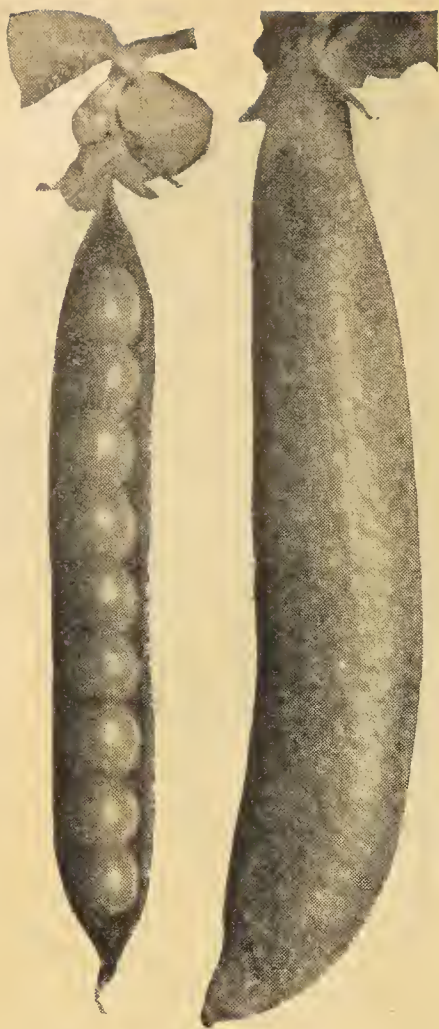
To remove onion odor from the hands:

Rub the hands with vinegar or lemon juice before washing with soap and water, or wet the hands with water, then rub with dry salt.

To keep your eyes from watering while cutting onions:

Put a small cube of bread on the end of your paring knife, or cut onions under cold, running water.





Laxton's Progress.



# Northern Grown PEAS



YOUNG GARDEN-FRESH PEAS ARE LUSCIOUS, SWEET AND TENDER

Sow 1 pound for 50 feet of drill; 2 to 3 bushels per acre.

In order to have luscious, tender peas throughout the summer, even after hot weather sets in, plant all your peas early in spring, at the same time, using extra early, main crop, and late sorts. Peas require cool, moist weather and early planting, to develop their roots and set the crop. They may be planted as soon as the ground can be worked, from April 1 to May 15, in this latitude. By planting such varieties as Extra Early Eight Weeks, Little Marvel, Thomas Laxton,

Laxton's Progress, Potlach and Quite Content, you can pick peas from your garden almost until fall.

**CULTURE**—Garden Peas do best in light, rich soil, and are quite hardy, requiring fairly cool weather. The extra early varieties can be sown just as soon as the ground can be worked, early in April here. Sow in rows 24 to 26 inches apart, covering the seed about 2 inches deep. The tall varieties should be supported with brush, or twine and light stakes.

## SPECIAL "ALL SEASON" COLLECTION OF GARDEN PEAS

**510. FRESH PEAS ALL SUMMER**—We have selected varieties which will mature in succession, and furnish a continuous supply of delicious peas. We promise they will more than please you.

Prepaid  
to Third  
Zone:

|                                                                       |                                                                        |
|-----------------------------------------------------------------------|------------------------------------------------------------------------|
| <b>EXTRA EARLY EIGHT WEEKS</b> —Best early pea (56 days).....         | { 1 pkt. of each variety 20c.<br>½ lb. each 55c.<br>1 lb. each \$1.00. |
| <b>LITTLE MARVEL</b> —Midseason. Always very delicious (60 days)..... |                                                                        |
| <b>POTLATCH</b> —Late. Never disappoints (78 days)....                |                                                                        |

## EXTRA EARLY PEAS

**448. EXTRA EARLY EIGHT WEEKS**—(56 days.) (Semi-wrinkled.) This is the earliest sort in common use. A splendid variety to produce the first home garden peas on the family dinner table. The earliest peas on the market—seed scarce. Vines: 13 inches high, very dwarf, slender. Pods: 3 inches long, single and double, pointed, dark green, slightly curved, contain 7 to 9 peas of exceptional quality when picked young. Seeds: small, grey green, dimpled. Pkt. 8c, ½ lb. 22c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 18c per lb.

## EARLY WRINKLED PEAS

**460. THOMAS LAXTON**—(58 days.) A deservedly popular early variety for home and market garden use. Also highly prized by shippers and canners. Quality and yield are excellent. Vines: 33 inches high, medium green and heavy. Pods: 3¾ inches long, single, plump, broad; contain 7 to 8 large tender peas of good quality. Seeds: medium size, cream and green, wrinkled. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

**461. LAXTON'S PROGRESS**—(60 days.) The largest podded and most attractive of the Laxtonian family. A good sort for shipping to distant markets, also for home and market garden planting. Of fine quality and abundant yield. Vines: 17 inches high, medium dark green. Pods: 4¾ inches long, ¾ inches wide, single, dark green, somewhat curved, pointed, handsome; contain 7 to 9 large peas of good quality. Seeds: large, wrinkled, cream with green color. Pkt. 8c, ½ lb. 22c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 18c per lb.

**470. GIANT LAXTONIAN**—(60 days.) Here is the best known of the early, dwarf, large podded sorts. Used largely for home gardens and by truckers and shippers. Our featured strain has exceptionally large pods. Vines: 18 inches high, dark green, rather coarse; "top off" well at maturity. Pods: 4½ inches long, single, broad, dark green, slightly curved, pointed; contain 7 to 8 large succulent peas. Seeds: large, flattish, yellow and green, wrinkled. Pkt. 8c, ½ lb. 22c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 18c per lb.

**471. LITTLE MARVEL**—(60 days.) Outstanding among the older varieties of dwarf peas, Little Marvel continues to be extensively used on account of its exceptional quality and yield. Valuable for home garden and early shipping. Vines: 18 inches high, dark green, stocky. Pods: 3 inches long, single and double, blunt, plump, well filled with 7 to 8 tender peas. Seeds: medium size, light green, squarish, wrinkled. Pkt. 8c, ½ lb. 22c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 18c per lb.

**472. AMERICAN WONDER**—(58 days.) Our stock of this old popular pea is the true extra-dwarf, early strain. Well suited to home gardening and highly productive. Vines: 12 to 14 inches high, dark green. Pods: 2¾ inches long single and double, light green, blunt, straight and well filled with 6 peas. Seeds: medium sized, wrinkled, largely square, green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.



**473. NOTT'S EXCELSIOR**—(59 days.) Similar to American Wonder but with taller vine and slightly larger pod. Vines: 16 inches high, dark green, slender. Pods: 3 inches long, single, blunt, round, plump, light green, well filled with 6 to 7 medium size, tender peas. Seeds: wrinkled, square, light green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

**474. PREMIUM GEM**—(63 days.) A highly productive, medium early variety good for home gardening and for canning. Vines: 20 inches high, dark green. Pods: 2¾ inches long, single and double, light green, round, straight, blunt; contains 6 to 7 peas. Seeds: wrinkled, green, medium size. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

Suffern, N. Y., June 24, 1934.  
F. S. & N. Co.

After trying to grow Peas without any success, for quite a number of years, I thought I would try once more, so last spring I bought a pound of Giant Laxtonian from you and I have just finished picking the crop grown from those Peas. I was very well pleased—so much so that I weighed them, and I found that I had grown 27 pounds of fine peas from the pound of seed so I will praise them up to everybody that plants peas especially.  
Wm. Smith, 20 Riverside Drive.

## INOCULATE GARDEN PEAS



FOR BETTER

YIELDS

Garden size pkt. 15c, 2 for 25c.

Peas grow bigger and better when "inoculated." Our inoculant contains billions of bacteria which help draw nitrogen plant food from the air. Recommended by all authorities. Garden size pkt. for 5 lbs. of seed 15c, 2 for 25c, prepaid. "Master Farmer" Legume Inoculator. For treating larger quantity seeds, 1-bu. size (60 lbs.) 35c, 2-bu. size 50c, 5-bu. size \$1.00, prepaid. See page 62.

Some varieties of Peas are very short crop. Order early.



Thomas Laxton.

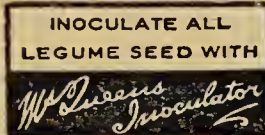


# PEAS and PEPPERS

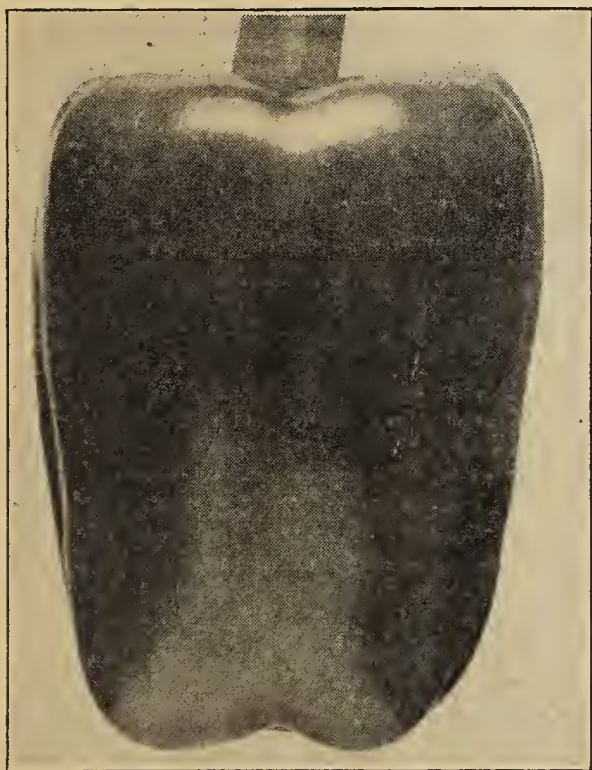
**459. GRADUS OR PROSPERITY—**(65 days.) This is a popular medium-early, large podded variety for home gardens and market gardeners. Vines: 36 inches high, medium green, stocky. Pods: 4 inches long, single, broad, plump, pointed, medium green, contain 8 to 10 large, sweet, delicious peas. Seed: very large wrinkled, cream and green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

**480. POTLATCH OR BIG DINNER—**(Improved Stratagem.) (78 days.) One of the very finest late varieties for home garden and for shipping to distant markets. Potlatch is famous for its heavy yield of immense pods bearing many large luscious peas of delicious flavor. Vines: 26 inches high, deep green, stocky and branching. Pods: 4½ inches long, ¾ inches wide; nearly round, straight, pointed, dark green, contain 8 to 10 tender, succulent peas. Seeds: large, wrinkled, green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

**475. TENDER GIANT—**(73 days.) Here is a pea that is becoming nationally famous. A medium late variety of recent introduction—excellent quality and good productivity. A dependable cropper, large podded, maturing after the early dwarf varieties and before the other large podded main crop sorts. It therefore fills a definite gap for either market or home garden. Its sweetness and quality cannot be improved upon. New Tender Giant has found nation-wide favor as a canning pea. Vines: 27 inches high, medium light green, with heavy stem and foliage. Pods: 4 inches long, ¾ inch wide, single and double, medium green, blunt, straight, attractive; contain 6 to 8 large tender peas. Seeds: large, green, wrinkled. (See illustration inside back cover.) Pkt. 8c, ½ lb. 22c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 18c per lb.



All the best growers inoculate their seed. Pkt. for 5 lbs. seed 15c, 2 for 25c. See page 62.



California Wonder.

**436. CALIFORNIA WONDER—**(73 days.) An outstanding medium late variety for market gardening and shipping. Plants: vigorous, upright prolific. Fruits: 4½ inches long, 4 inches thick; 4-lobed, chunky, very attractive, smooth, uniform and deep green—changing to bright crimson; flesh thicker than any other variety, sweet and mild. Pkt. 10c, ½ oz. 30c, oz. 45c, ¼ lb. \$1.50, prepaid.

PEPPER PLANTS ON PAGE 25.

**486. DWARF TELEPHONE OR DAISY—**(75 days.) A late, large-podded, highly-productive sort for home garden and truckers. A good shipper and resistant to Fusarium wilt. Our strain is unsurpassed in size and appearance of pods. Vines: 22 inches high, light green, stocky and branching. Pods: 4½ inches long, single and double, medium light green, slightly curved, broad, pointed and attractive; contains 8 to 10 peas of excellent quality. Seeds: large, wrinkled, green with bluish cast. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

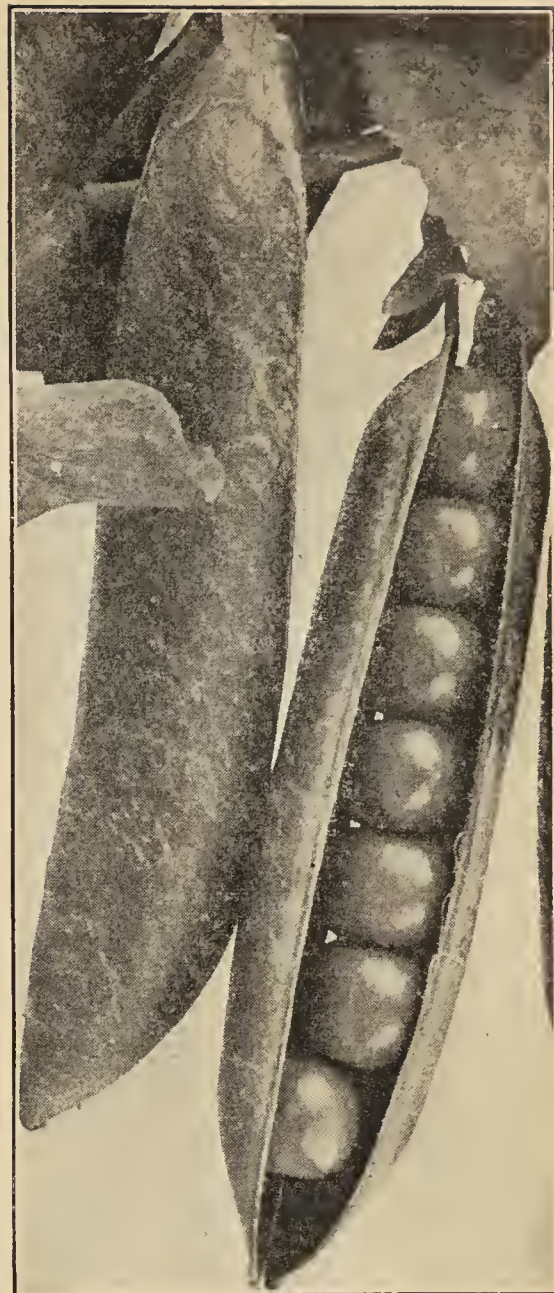
**492. DWARF SUGAR—**(68 days.) (Eat pod and all!) A prolific home garden variety with an edible pod and also resistant to Fusarium wilt. Delicious if cooked when young the same as string beans—without shelling. Very sweet and tender. Vines 28 inches high, slender and wiry, with purple blossoms. Pods: 3 inches long, double, light green, heavily curved, semi-pointed, strongly indented between the peas. Seed: small, mottled, grey, round, smooth. Pkt. 8c, ½ lb. 20c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. 90c, 15 lbs. at 16c per lb.

**484. EVERBEARING—**(74 days.) An extra long bearing period makes this a popular variety. Everbearing is resistant to Fusarium wilt, and is noted for its quality. Vines: 32 inches high, dark green, thick and branching. Pods: 4 inches long, double light green, plump, blunt, straight; contain 4 to 5 large peas of sweet marrowy flavor. Seeds: very large, light green, flat, wrinkled. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

## TALL PEAS FOR MAIN CROP

**505. TALL TELEPHONE—**(73 days.) A standard mid-season variety. Valuable to home or market gardeners. Fine for shipping. Produces an abundant yield of immense pods filled with large tender peas of excellent flavor and quality. Vines: 45 inches high, dark green. Pods: 4½ to 5½ inches long, dark green, single, broad, plump, pointed, straight. Seeds: large, wrinkled, light green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.

**506. CHAMPION OF ENGLAND—**(79 days.) A well known standard late variety for home garden. A great climber and heavy yielder. Vines: 54 to 60 inches high, medium green. Pods: 3 inches long, single and double, light green, blunt, straight, plump; contain 7 to 8 peas of good quality. Seeds: large, wrinkled, light green. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.



Potlatch, for main crops.

**501. QUITE CONTENT—**(74 days.) The favorite tall variety of most of our customers. We receive more enthusiastic reports on Quite Content peas than on all other tall varieties. It has immense pods, filled with extra large, quality peas. Vines: 45 inches high, dark green, stocky. Pods: 4¾ inches long, single, broad, dark green, straight pointed; contains 8 to 9 large tender peas. Seeds: wrinkled, large, green. Pkt. 8c, ½ lb. 22c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 18c per lb.

## PEPPER

One ounce of seed for 1,000 to 1,500 plants. ¼ lb. to transplant one acre.

Sow seed in flats, or in the hotbed in March, and transplant seedlings, when 3 or 4 inches high to other flats or to paper pots. About the last of May, transplant to the garden, in rich, well-prepared soil, setting the plants in rows 3 feet apart, 20 inches apart in rows.

NOTE—The time from setting out plants to marketable condition is indicated here.

**434. HARRIS EARLY GIANT—**(63 days.) An excellent first early sweet variety, for home and market garden use. Fruits resemble Bull Nose in form. Plants: dwarf, upright, very productive. Fruits: 4½ inches long, 3½ inches thick; gently tapered, 3-lobed, of sweet mild flavor; deep green changing to bright red. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, prepaid.

**442. RUBY KING—**(68 days.) Excellent for home and market gardening, also for shipping. Plants: medium dwarf, erect, vigorous, and very productive. Fruits: 5 inches long, 3 inches thick; tapering, dark green changing to ruby red at maturity. Flesh: thick, mild and sweet. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.10, prepaid.

**437. BULL NOSE OR IMPROVED LARGE BELL—**(58 days.) A popular early sweet variety. The first on the early market. Plants: small, erect, prolific. Fruits: 3 inches long, 2¾ inches thick; blunt, deep green—changing to scarlet red; sweet, mild in flavor. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.

**441. PIMIENTO OR PERFECTION—**(73 days.) Pre-eminently a canning variety; also excellent for home or market garden planting. Plants: large, erect, prolific. Fruits: 3½ inches long, 2½ inches thick; heart shaped, very smooth; color dark green, changing to bright crimson; flesh thick, sweet and mild. Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.

For years our Special Strains of Vegetable Seeds have helped market growers to better profits. Be sure to send for Special Price List if growing for market.



# PARSLEY, PARSNIP, PEANUTS and PUMPKIN



Moss Curled Parsley.

## PARSLEY

One ounce will sow 150 feet of drill.

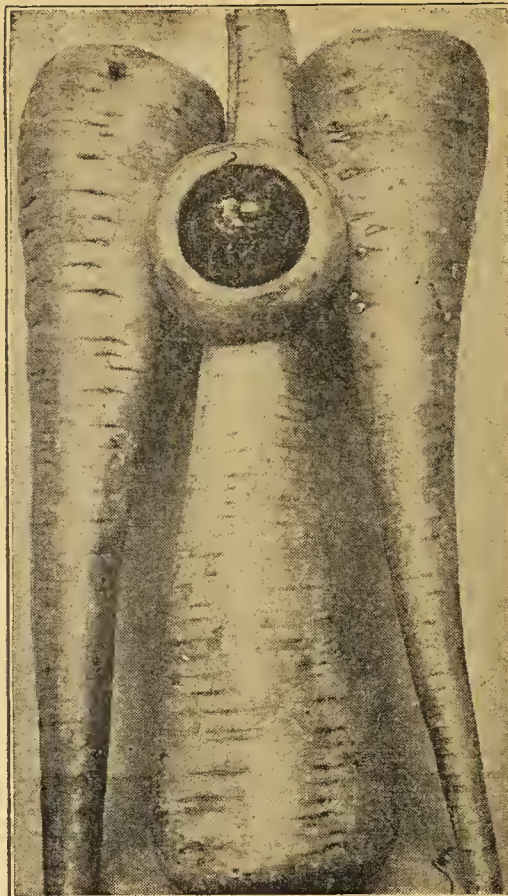
**CULTURE**—Parsley is indispensable for flavoring and for garnishing. The seed germinates slowly, in 2 or 3 weeks and therefore should be soaked in warm water for a few hours before planting. Sow early in spring,  $\frac{1}{2}$  inch deep, in rich, mellow soil, and when plants are of good size, thin to stand 8 inches apart in the rows. In the fall, a few plants may be set into pots, and taken indoors.

**430. CHAMPION MOSS CURLED**—A compact growing, finely cut and densely curled variety of a deep green color. Owing to its fine color and handsome foliage, it is one of the most popular sorts. Special gardeners' strain. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00, prepaid.

**431. TURNIP-ROOTED OR HAMBURG**—The root is the edible portion of this variety and resembles a small parsnip, both in color and shape. Flesh white, a little dry, having a flavor similar to celeriac. Very hardy and should be cultivated like parsnip. Foliage same as Plain Parsley. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00, prepaid.

**RHUBARB ROOTS** SEE PAGE 25

COME  
TO US  
FOR  
THE  
NEWEST  
VARIETIES



Parsnip, Long Smooth.

## PARSNIP

1 oz. for 200 feet of drill. 5-6 lbs. for an acre.

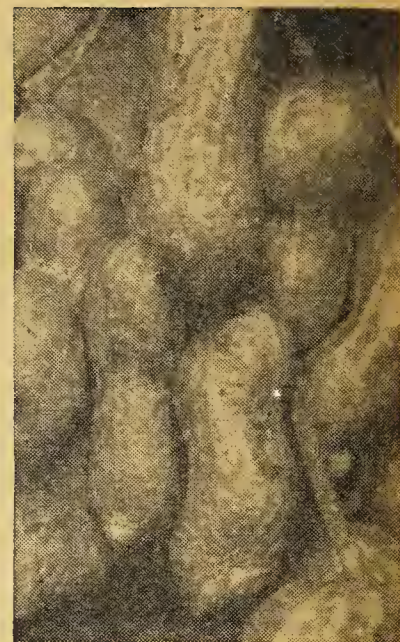
One of our most valuable root vegetables, because of its rich sweet flavor and high food value. Frost improves the flavor, and parsnips can be left in the ground all winter, to be harvested in spring when fresh vegetables are scarcest.

Parsnips do best in rich deep soil, but fresh manure should not be used. Seed germinates slowly, and may be sown early in drills. Thin the plants to stand 4 or 5 inches apart.

**426. LONG SMOOTH OR HOLLOW CROWN**—A great cropper; tender, sugary and considered the best for general cultivation. Pkt. 5c, oz. 8c,  $\frac{1}{4}$  lb. 20c, lb. 75c, prepaid.

**427. GUERNSEY**—Roots not as long as Hollow Crown, but are thicker and more easily gathered. They are very smooth and have fine grained flesh of excellent quality. Pkt. 5c, oz. 8c,  $\frac{1}{4}$  lb. 20c, lb. 75c, prepaid.

ONLY THE  
VERY BEST  
TESTED  
VARIETIES  
ARE  
RECOM-  
MENDED



Large Virginia Peanuts.

## PEANUTS

**CULTURE**—Peanuts are a leguminous crop, the same as beans and peas, and valuable as fertilizing and forage crops. They require about the same care, and the planting season is the same as for corn. The shells must be removed before planting. Pods are borne beneath the ground. Peanuts are an interesting crop to grow, especially for children's gardens.

**514. EARLY SPANISH**—The earliest variety, and best for the North. Plants are upright and compact, with small pods and nuts of fine flavor. Large pkt. 8c, lb. 35c, prepaid.—Not prepaid, 5 lbs. \$1.10.

**515. LARGE VIRGINIA**—The main crop peanut, and the most extensively grown. Plants are erect, and of vigorous, rapid growth, with very large pods and nuts. An excellent variety for dry, sandy soil. Large pkt. 8c, lb. 35c, prepaid.—Not prepaid, 5 lbs. for \$1.10.

## RHUBARB or Pie Plant

**CULTURE**—Succeeds best in deep rich soil. Sow in spring in drills, cover one inch. Thin plants to six inches apart. Transplant in autumn or spring to permanent beds.

**581. RED WINE**—Larger than the average, a good seller in all markets; of excellent quality. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00, prepaid.

## MINNESOTA GROWN PUMPKIN SEED

**565. SUGAR PIE**—(75 days.) A standard variety for general use, and particularly desirable for pies. Very fine grained, sweet and a splendid winter keeper. Fruits: 10 inches thick, weight 6 to 8 lbs.; skin hard, smooth, somewhat ribbed, deep orange. Flesh: thick, sweet, orange-yellow, and of high quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. \$2.25.

**572. CONNECTICUT FIELD**—(Matures in 110 days.) Extensively grown for making pies, for canning and for stock feed; usually planted in cornfields. Also known as the large cheese pumpkin. Very productive and of good quality. Fruits: 12 to 15 inches thick, weight 15 to 25 lbs., large, flattened at the ends. Surface hard, smooth, somewhat ribbed, deep orange in color; flesh thick, orange yellow, coarse and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs. \$2.00, 10 lbs. \$3.75.

**573. KENTUCKY FIELD**—(Matures in 110 days.) Widely used for canning and for stock feeding. Hardy and productive. Fruits: 12 to 14 inches thick, weight 10 to 15 lbs., large, slightly ribbed, not fixed in shape, some being flat, others globular and elongated; color, dull orange. Flesh: deep yellow, coarse and of good flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs. \$2.00.

1 oz. for 25 hills, 4 lbs. per acre. Plant like squash, 3 or 4 seeds per hill and thin to 1 plant per hill.



Sugar Pie Pumpkin.

**574. MAMMOTH KING OR JUMBO**—(Matures in 120 days.) The largest of all pumpkins. Valuable for stock feeding and exhibition purposes. Fruits: 20 to 24 inches in diameter, weight 60 to 90 lbs., very large, globular, slightly ribbed, flattened; skin light yellow, mottled with yellow and frequently slightly netted. Flesh: solid, coarse, but of fair quality. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.40, prepaid.

**576. PRIZE COLLECTION MIXTURE**—A mixture of the best varieties described above, all shapes and sizes, large and small. This collection is sure to please and give surprising results. Just the thing for growing varieties to exhibit at county or state fairs. There is bound to be a prize winner in the collection. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs. \$1.80.

**Husky, Healthy  
MASTER CHICKS  
AT LOWEST PRICES**  
Shipped C. O. D. 100% Live Delivery  
SEE INSERT IN BACK OF CATALOG





# MINNESOTA GROWN SEED POTATOES

## "WHITE GOLD" THE EXTRA EARLY WHITE POTATO

Ten days to two weeks earlier to market frequently means the difference between a decent profit and a possible loss. White Gold Potato growers in hundreds of letters tell of their wonderful success and fine profits. The chief reason was because White Gold Potatoes were ready two weeks earlier than Cobblers, Triumphs or Early Ohios.

White Gold Potatoes were developed from a Potato seedling, by George Kremer of Itasca County, Minnesota. For six years the seedlings were carefully selected and increased before the new Potato was introduced. It has the size and shape of the Green Mountain, though the eyes are shallow and it is of slightly netted appearance. The yields compare favorably with the late varieties such as Carmans and Rural New Yorkers. The outstanding features, however, are its earliness, good size and big yields. White Golds will keep in storage better than many late varieties.

Buy the Originator's Strain To Save Disappointment.

Our seed supply was grown from the originator's own seed stock, which we secured for exclusive distribution and the seed supply is again limited. Send only half your remittance when placing your order, if more convenient. Balance may be paid when shipment is made. Ten lbs. 75c, postpaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

White Golds Have Brought Big Profits on the Early Market.

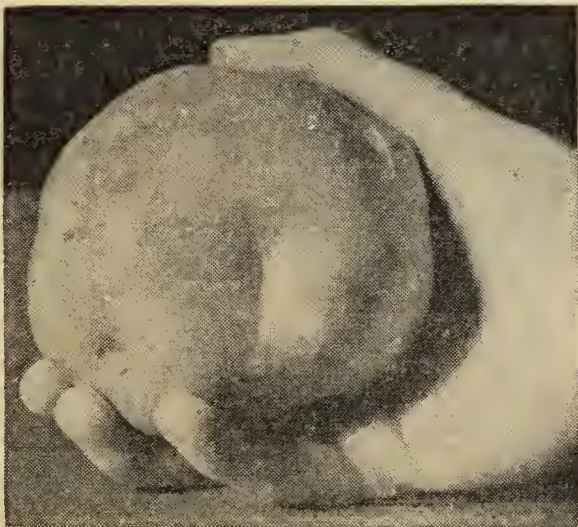
### EARLY IRISH COBBLER

Another extra fine early potato, and one that is not easily affected by blight and insects. The tubers are nearly round, with prominent ridges at ends, causing uneven surface, and slightly flattened, rather blocky shape. The skin is white, well netted, with eyes of medium depth and number. It is a fine flavored potato and a heavy yielder. See Blue Figure Price List.

### THE NEW WARBA (Certified)

#### NOW REPLACING THE TRIUMPH.

After a 5-year test, the Minnesota Agricultural Experiment Station introduced a valuable new early potato—a cross of a selected seedling and Bliss Triumph. It resembles Bliss Triumph, though is larger in size—a bigger yielder, has white crisp flesh and is exceptionally quick maturing. Its season is 7 to 10 days earlier than Bliss Triumph or Early Ohio. The vines are upright, sturdy and resistant to mild Mosaic. Tubers are short, round, blocky, white with pink eyes and uniform in size, with few culls.



The New Warba.

Price: 10 lbs. 75c, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

### EARLY OHIO

This old favorite is a heavy yielder, producing 150 to 250 bus. per acre, tubers being of even size, medium to large, oval in shape, very smooth, with shallow eyes. Early Ohios always bring a high market price, and though very early, they keep well. The flesh is white, firm, fine grained, and of excellent flavor. The cooking and baking qualities are unsurpassed. See Blue Figure Price List.

### NEW GOLDEN The Record Yielder

A big yielding, golden fleshed potato—see back cover. Here is the biggest yielder of all new introductions, a golden fleshed variety—also introduced by the Department of Agriculture, from South American stock. This potato contains vitamin A and is of very highest cooking quality. Tubers are dark cream buff color—smooth with medium shallow eyes. Medium size, roundish—flesh pale yellow. In yield tests the New Golden topped them all, producing as high as 535 bushels per acre. We offer it for the first time, but a very limited amount of seed is available. Price: 6 lbs. \$1.00, prepaid to 3rd zone.

### BIG PROFITS IN NEW VARIETIES

Quality potatoes always bring a good price. The old standard varieties must give way to better quality disease-free tubers. It pays to keep pace with progress. Only the best introductions by State Experiment Stations and the Department of Agriculture are featured by us, after careful trials. Our advice is to change your seed frequently.

### Read These Letters

Nephi, Utah,  
F. S. & N. CO.

*I have had wonderful luck with your seeds this past season. The White Gold Potatoes yielded 450 bushels per acre with no rain all summer. The Silo Corn is all the rage here. I like good seed and to deal with a reliable company like yours.*

Sidney Scott.

Bellevue, Neb.,

F. S. & N. CO.

*I have been looking for potatoes like I wanted, for 31 years, but could not find them until now. About 31 or 32 years ago I raised potatoes which tasted like White Gold, but I lost the seed. I never tasted potatoes like those again until we got your White Gold Potatoes. I hope to raise some prize winners.*

Henry A. Cassler.

## U. S. DEPT. OF AGRICULTURE'S NEW CHIPPEWA (Certified)

(See back cover)

Chippewa is the most recent introduction by the Department of Agriculture, and resembles Katahdin in many respects, though differs somewhat in shape, the tubers being slightly longer in relation to their width. It is considerably earlier than the Katahdin and somewhat earlier than Green Mountain. For this reason it is especially well adapted for the Northwest. In all tests the yields have been higher than other late varieties like Rural New Yorker, Carman, Katahdin or Green Mountain.

Since this potato matures ahead of most all other late varieties, it promises to become the most popular storage potato and will replace many of the old-timers. The tubers are smooth, regular in outline, with very shallow eyes. It is an excellent cooker and shows a high degree of resistance to mild Mosaic.

We predict a great future for this potato and advise our friends to get a start this season. The seed supply is still limited and we suggest ordering early.

Price: 10 lbs. \$1.00, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

### NEW KATAHDIN The Long-Keeping Potato

Originated by the U. S. Department of Agriculture and promising to become the outstanding Late Potato for market or storage. It was originated in Maine, by double crossing unnamed seedlings of Rural New Yorker No. 2 and Aroostook Wonder parentage. It was bred for disease resistance, quality and yield. During the eight years it was under observation, it has been entirely free from mild Mosaic. In yields it has constantly surpassed Rural New Yorker or Green Mountain. The tubes are short, elliptical to roundish and have very shallow eyes.

Emphasis is laid on the high yield and small percentage of culls. It is well adapted for growing on muck and peat soils though not so well to poor soils or where summer drought is likely to occur. The vines are vigorous and light green in color. They mature late, though the tubers set fairly early, which is an advantage.

The secretary of the Iowa Vegetable Growers Assn. remarked that this new potato may replace the Rurals as it is smoother and peels with less care. In shape, it is nearly a ball.

Uncle Sam spent about \$250,000.00 in developing it and Extension Horticulturist Fitch, of the Iowa station, enthusiastically suggests it should pay the nation many times that in larger yields to farmers.

Price: 10 lbs. 75c, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

Use Semesan Bel for Treating Potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Prices: 4 ozs. 50c, 1 lb. \$1.65, 5 lbs. \$7.00, 25 lbs. \$31.25, not prepaid. Pamphlet free.



**CRISP  
HOME-  
GROWN**

**Radishes**

**READY TO EAT  
IN  
3 TO 4 WEEKS**

One ounce will sow 100 feet of drill, 9 to 10 pounds per acre.

**CULTURE OF RADISHES**—For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm, sandy loam is the best. Sow in drills 10 to 12 inches apart.

Radishes contain valuable vitamins. Sow round or globe varieties for the first crop. Long types do not grow so fast, and endure more heat.

Wormy radishes cannot be controlled by spraying. Do not sow radishes in the same spot year after year.

#### 528. NEW GLOWING BALL RADISH

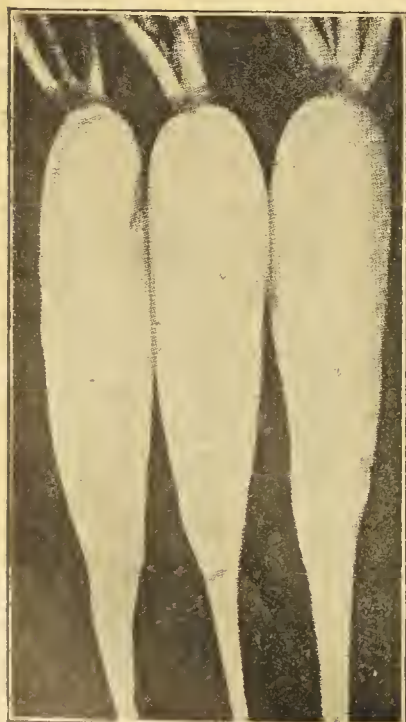
—All America Gold Medal Winner of the past season—with the highest rating of all the entries! A round, short top radish, fiery bright scarlet with almost an orange glow. Its unusual color never fails to attract attention on the market. Smooth silky skin, ball shaped, one inch or less in diameter, spicily flavored, very early. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.20, prepaid.

#### 540. CRIMSON GIANT—(28 days.)

A deservedly favorite variety for home gardeners and truckers. Very handsome in appearance and quality is unsurpassed, in spite of its immense size. Roots: 1 to 1½ inches in diameter, very large, globular, deep, crimson in color. The white flesh holds its firmness well and is of superior quality. Pkt. 8c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.



French Breakfast.



White Icicle.

#### MARKET

#### GROWERS

#### ASK FOR

#### SPECIAL

#### PRICE LIST.

#### 534. NEW "COMET" RADISH—

This is the 1936 All America Award of Merit Winner. A crisp, tender, snappy radish of bright scarlet color and globe to olive shape. Unusual in that it matures very early, yet attains a large size before becoming pithy. Remains crisp, sound and in prime eating condition a very long time. Ideal for forcing, home gardens or market. (See inside front cover.) Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50, prepaid.

#### 531. FIRECRACKER—(22 days.)

Here is the sensational new radish we listed for the first time in 1933, and ever since hundreds of our customers have been asking for it. This year we were fortunate in securing a limited amount of seed from Holland. It is a distinct type of long scarlet Radish of vivid scarlet color and cylindrical shape with slender taproot—fully as early as Saxa or Scarlet Globe and remains in prime condition for a much longer time. (See front cover.) Pkt. 8c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.



Red Sparkler, White Tip.

**529. SPARKLER—(25 days.)** Similar to Scarlet Turnip White Tip, but with larger white area. Popular with market gardeners. Roots: round, smooth, dull scarlet-red, one-third white at bottom. Flesh: white, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs., \$1.40, prepaid.

#### 538. FRENCH BREAKFAST—(25 days.)

An early market and home garden sort, with small top. Develops best under glass. It sells readily on the market because of its fine quality and handsome appearance. Roots: ½ to ¾ inches thick, 1½ inches long; oblong, thicker toward the bottom, dull scarlet with white tip. Flesh: white and crisp. Should be pulled at first maturity. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

#### 542. MIXED RADISHES—

This mixture contains early, summer and winter varieties; all kinds, colors and shapes, a large assortment, ready for the table, early, medium and late. You always have some that are just right, sweet, tender and juicy. This mixture is for a small garden, where space is limited and one sowing does for the whole season. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, 2 lbs. \$1.10, prepaid.

#### 546. WHITE ICICLE—(27 days.)

An outstandingly popular sort for home and market garden use. Flesh remains crisp and tender until roots attain large size. Roots: 5 to 6 inches long, slender, tapering at the tip, very white. Flesh: clear white, brittle and of mild, inviting flavor. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

#### 547. WHITE STRASBURG—(39 days.)

A long white variety popular with eastern market gardeners for summer use. Continues in marketable condition longer than most varieties. Roots: 5 inches long, 1½ inches thick at shoulder, tapering and smooth. Skin and flesh: white, crisp and slightly pungent. Pkt. 8c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.



Early Saxa.

#### 530. EARLY SAXA—(22 days.)

The earliest radish of all. Principally a forcing sort, but also used for out-of-door planting. Tops very small. Roots: ¾ inch diameter, small, spherical, bright scarlet in color. Flesh: white, crisp and mild. Very earliest for market. Pkt. 8c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.

#### 535. IMPROVED EARLY SCARLET GLOBE—(24 days.)

Here is the leading variety for market gardeners. Very popular because its excellent quality is combined with very early maturity. Roots: globular, very slightly elongated, with small top; bright scarlet, crisp, tender and of fine quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

#### 525. EARLY SCARLET TURNIP—(26 days.)

An early variety with small top, well adapted to field culture and forcing. Excellent quality. Roots: 1 inch diameter, round, slightly flattened with small taproot; dark scarlet-red. Flesh: pinkish white, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

#### 526. EARLY SCARLET TURNIP WHITE TIP—(26 days.)

An attractive sort, extensively used by truckers, and in home gardens. Should be pulled when they are 1 to 1½ inches in diameter. Roots: 1 to 1½ inch diameter, nearly round, with small taproots; carmine-red, with small white tip. Flesh: white, crisp and mild. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

#### 544. ALL SEASONS OR ROUND SCARLET CHINA—

A most satisfactory radish, especially for late planting, round, bright scarlet in color and of exceptional flavor. Always crisp and tender, never gets woody during a droughty season. It is without doubt just as the name implies—the best All Season Radish in cultivation. Pkt. 8c, oz. 12c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.

### WINTER RADISHES

#### 555. CALIFORNIA WHITE MAMMOTH—(60 days.)

Roots: 8 inches long, 2 inches thick; cylindrical and thickest at lower end. Flesh: white, crisp and not pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

#### 558. ROSE CHINA—(52 days.)

Roots: 6 inches long, 2 inches thick, cylindrical, but thicker at lower end; blunt, smooth, bright rose-red in color. Flesh: white, very firm and pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

#### 559. LONG BLACK SPANISH—(58 days.)

Roots: 9 inches long, 2½ inches thick; cylindrical, slightly tapered at tip; skin black and somewhat wrinkled. Flesh: white, solid and pungent. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.

#### 560. ROUND BLACK SPANISH—(56 days.)

Roots: top shaped—3 to 4 inches thick, otherwise similar to Long Black Spanish. An excellent keeper. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c, prepaid.



Chicago  
Warted  
Hubbard



# SQUASH for Summer and Winter

One ounce of seed to 50 hills, according to the size of the seed, 3-4 lbs. in hills per acre.

**CULTURE**—Plant seed in extra fertile soil when danger of frost is past. The vining varieties should be planted in hills 8 or 10 feet apart each way, and the bush varieties from 4 to 5 feet. For running varieties, use 3½ to 4 pounds of seed per acre; bush varieties require 6 pounds of seed per acre. For Insecticides see page 73.

**598. CHICAGO WARTED HUBBARD**—(110 days.) A very prolific good keeping sort, somewhat larger than the original Hubbard, and more thickly covered with warts. Excellent flavor and quality. Fruits: 14 inches long, 10 inch diameter; weight 14 lbs., pointed at each end, very dark green. Flesh: deep orange-yellow, dry and sweet. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.35, prepaid.

**600. GOLDEN HUBBARD**—(100 days.) Similar to Green Hubbard, but earlier, smaller and more prolific. Fruit: 11 inches long, 9 inch diameter; weight 10 lbs., somewhat pointed at each end, moderately warted, orange-red, with faint cream colored stripes toward blossom end. Flesh: deep orange, dry and of fine quality; it keeps well. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.35, prepaid.

**607. KITCHENETTE**—(100 days.) A new Dwarf Hubbard, from the Minnesota Experiment Station that combines the better qualities of several varieties. Has the size of the Table Queen, the delightful flavor of the Delicious, keeping qualities and yield of Hubbard. Weight: 5 to 7 lbs. Quality is splendid—cooks up mealy and dry, with a delicious nutty flavor. Just the right size for average family use. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.



New Buttercup.

**601. NEW BUTTERCUP**—A North Dakota origination, developed by Prof. Yeager. Fruits weigh 3 to 5 lbs. and have a tough thin green skin. Flesh: deep rich orange untinged with green. There is no fibrous section and this squash is an excellent keeper, with little waste or shrinkage. It is acorn shaped. The flavor is similar to sweet potato, with smooth texture; cooks dry and is coming into great popular favor. Pkt. 10c, oz. 25c, ¼ lb. 75c, prepaid. Seed crop very short.

## Summer Squash

**595. GIANT YELLOW SUMMER CROOKNECK**—(55 days.) Highly desirable for truckers, shippers and home gardeners. Fruit: 9½ inches long, 4 inch diameter; weight 3 lbs., curved at neck, light yellow at early eating stage, and covered with warts. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, prepaid.

## Winter Squash

**603. DELICIOUS**—(102 days.) A very popular winter sort. No other squash compares with it in richness of flavor. An excellent keeper. Fruit: 11 inches long, 8 inch diameter; weight 7 to 8 lbs.; top shaped. Skin dark green with light green stripes toward the blossom end. Flesh: orange, dry, and of good flavor. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.40, prepaid.

**599. IMPROVED GREEN HUBBARD**—(105 days.) A standard winter sort for home or market. Fruit: 12 inches long, 9 inch diameter; weight 12 lbs., pointed at both ends, slightly warted, dark bronze green in color; rind hard and tough. Flesh: very thick, orange-yellow, dry and sweet. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.35, prepaid.

**605. TABLE QUEEN OR DES MOINES**—(58 days.) An early maturing variety, trailing in habit and of exceptional flavor and quality. Very desirable for home or market garden use and for shipping. Fruit: 6 inches long, 4½ inch diameter; weight 1½ lbs., acorn shaped, ribbed, smooth, thin shelled, dark green. Flesh: light yellow, bakes well, with inviting flavor. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

**602. MAMMOTH WHALE**—(100 days.) The giant among squashes, grown for exhibition purposes and stock feeding. A prolific sort. Fruit: 25 inches long, 18 inch diameter; weight 80 to 150 lbs., oblong, pointed; skin mottled orange and yellow. Flesh: thick and coarse. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

EAT MORE  
HOME-GROWN

SPINACH

RICH IN  
ALL VITAMINS

## SALSIFY

### or Vegetable Oyster

An ounce of seed will sow 120 feet of drill.

A wholesome and delicious vegetable, with mild oyster-like flavor when boiled. The roots may be cooked with a cream sauce, or sliced and fried and make delicious soup. Sow in deep drills, in light rich soil, very early. The roots are perfectly hardy, and may remain in the ground all winter.

**592. MAMMOTH SANDWICH ISLAND**—An improved variety with roots 6 to 8 inches long, 1 to 1½ inches thick, tapering, smooth, dull white. Plants 3½ feet tall. Pkt. 8c, oz. 20c, ¼ lb. 60c, lb. \$2.10, prepaid.

**586. BLOOMSDALE SAVOY LEAVED**—(39 days.) A very early, vigorous variety, desirable for home gardens, for shipping to distant markets and for canning. Plants erect in growth, hardy and attractive. Leaves large, crumpled, somewhat blistered; dark glossy green. Seeds fairly early. Pkt. 5c, ¼ lb. 15c, lb. 45c, 2 lbs. 85c, prepaid.

**584. KING OF DENMARK SPINACH**—(45 days.) Highly desirable for canning and for market gardens. Large, spreading plants carry broad, rounded, very dark green leaves which are somewhat crumpled. Excellent for spring planting as it is slow to go to seed. Very hardy and of good quality. Pkt. 5c, ¼ lb. 15c, lb. 45c, 2 lbs. 85c, prepaid.

**582. NEW VIKING**—Winner of All America Award of Merit for 1935. Developed in Holland. A highly-prized variety for home garden or market. A very vigorous grower. Plant is large, producing huge, semi-crinkled, dark green leaves. Exceptionally long standing and of splendid table quality. Pkt. 8c, ¼ lb. 20c, lb. 70c, 2 lbs. \$1.20, prepaid.

**583. MATADOR OR GIANT NOBLE**—(45 days.) Very valuable for market or home garden. Plants are large, vigorous and spreading; leaves huge, thick, smooth and tender; color deep green. It is slow to form seed stalks and an extremely heavy yielder. The best of the Giant Thick Leaved sorts for spring and summer. Pkt. 5c, ¼ lb. 15c, lb. 50c, 2 lbs. 90c, prepaid.

**589. NEW ZEALAND**—(70 days.) Native of New Zealand—quite distinct from other varieties of Spinach, it thrives in hot dry weather. The large spreading plants have small, thick pointed deep green leaves, which can be picked repeatedly throughout the season. Soak seed in hot water for several hours before planting. Pkt. 8c, oz. 10c, ¼ lb. 25c, lb. 80c, prepaid.

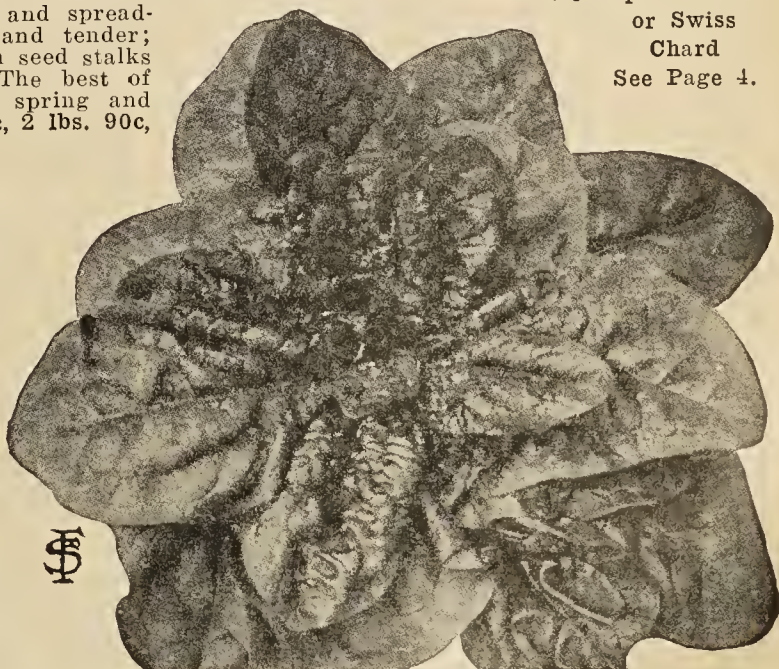
Please mail to me as soon as possible, one ounce Firecracker Radish Seed. I had some from you earlier in the season and I think they surpass any other variety I know of.

Gust E. Freeman.

One ounce for 100 foot row; 12 to 15 lbs. per acre or 30 lbs. broadcast.

**CULTURE**—Succeeds best on rich, well drained soil. Sow early in spring, one inch deep, in rows 12 to 15 inches apart. For succession sow every two weeks until June. For early spring use sow in August and cover over winter.

For Spinach Beet  
or Swiss  
Chard  
See Page 4.



Spinach, King of Denmark.



# Luscious - Wholesome Tomatoes Should be in every Garden



Extra  
Early  
Bison.

**616. OXHEART**—(90 days.) A novelty of great merit. In shape it's different from any other tomato. It is of great size, has very thick flesh and is almost seedless. Every home garden should have a few these unusual tomatoes. Excellent in salads. Fruit: extremely large, heart shaped, pink; very solid, meaty, and of mild flavor. Vine: open, spreading, fairly productive. Pkt. 10c, ½ oz. 35c, 1 oz. 60c, ¼ lb. \$2.00, lb. \$7.00, prepaid.

**610. FARIBAULT DWARF CHAMPION**—(76 days.) Because of its compact and upright habit of growth, enabling close planting, this is a great favorite with owners of small gardens. The tomatoes are of good size, globular, flattened, deep purplish pink, firm and sweet, very meaty and with few seeds. One of the best sorts for canning, ketchup, soup, etc. Plants grow strong, erect and bushy, and bear throughout the season. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, lb. \$3.50, prepaid.

**628. JOHN BAER**—(70 days.) Here is an excellent early sort maturing between Earliana and Bonny Best. Excellent for local market gardening and canning. We have an exceptionally early strain. Fruit: medium sized, semi-globular, very attractive, bright scarlet red, smooth and firm. Vine: of medium height and open growth. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 85c, lb. \$3.00, prepaid.

**626. F. S. & N. CO'S STONE**—(85 days.) More widely used than any other dwarf variety. Popular with canners and market growers everywhere. Fruit: large, globular, flattened, exceptionally attractive, bright red in color and quite solid. Plant: short, compact, with dark foliage. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 75c, lb. \$2.50, prepaid.

**653. GROUND CHERRY OR HUSK TOMATO**—(86 days.) This is not a true tomato. Used as a novelty and for preserves. Flavor is outstanding. Excellent in combination with oranges, lemons or ginger. Fruit: small, yellow, round, enclosed in a loose, papery husk. Of delicate flavor. Vine: spreading and flat. Pkt. 8c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.30, prepaid.

1 oz. for 1,500 plants—¼ lb. to transplant one acre.

The Time From Setting Out Plants to Marketable Stage Is Listed Here.

**CULTURE**—Tomatoes want well fertilized, light sandy soil, in a sunny open position. For early plants, sow the seed in flats or hotbeds, in March. Cover with soil to a depth of one-half inch. The seed germinates in 6 to 12 days. When the plants are 3 inches high, transplant them to other flats, or preferably to paper pots, giving each plant 4 inches of room. About the end of May, set the plants out in the garden, 3 feet apart each way. Water well and cultivate often, as long as the vines permit. It is always better to stake the vines and tie them up, pinching off some of the stems as the plants will bear more abundantly.

TOMATO  
PLANTS  
ON  
PAGE  
25.

**609. EXTRA EARLY BISON TOMATO**—A North Dakota introduction by Professor Yeager. Exceptionally early, of medium size, a little larger than Earliana and somewhat flatter. Bison grows a compact plant of the self-pruning type and bears exceptionally heavy; over 40 lbs. of ripe fruit was produced from

one plant. Originated from a cross between Burpee's Self Pruning and Red River—just the thing for the home garden or extra early market. Seed supply limited. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$5.50, prepaid.

**611. SCARLET EXTRA EARLY JUNE**—(60 days.) This tomato ripens a whole week earlier than Earliana, and is very productive. Fruits are of large size for an early sort, deep glossy scarlet, and ripen uniformly, the stem coloring up perfectly. Flavor is delicious, fruit is firm and meaty, with few seeds. A real quality tomato valuable for the home and truck gardener. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$5.00, prepaid.

**635. BONNY BEST**—(74 days.) A standard second early variety, valuable for market gardeners, shippers, and canners and perhaps the most generally grown variety. Fruit: medium sized, apple shaped, smooth, solid, bright scarlet color, of fine quality. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, lb. \$3.50, prepaid.

**615. BREAK O'DAY**—(70 days.) Break O'Day was developed by the U. S. Department of Agriculture in 1930. A cross of Marglobe and Marviana, resistant to wilt and Nail Head Rust. Outstanding in yield, quality and earliness. Fruit: medium large, orange-red, uniform, globe shaped, smooth walls not as thick as Marglobe. Plant: light, of open, spreading habit, with medium foliage, early and very prolific. Pkt. 8c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.20, lb. \$4.00, prepaid.

**613. MARGLOBE**—(77 days.) Recently introduced by the United States Department of Agriculture, this main crop variety has come into wide use by truckers and shippers and also by canners. Fruit: medium large, nearly globular, bright scarlet, smooth, solid, with thick walls and cross sections; of fine quality. Plant: vigorous, with heavy foliage, resistant to wilt and Nail Head Rust. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, lb. \$3.50, prepaid.

Leaf spots or downy mildew on Tomato plants may be controlled with Bordeaux mixture. Page 73.

**608. NEW "PENN STATE" TOMATO**—(Winner of Special Mention in 1936 All American trials.) A splendid new very early tomato with attractive medium sized fruit of nearly globular shape and rich even scarlet color—with no blemishes. Flesh is of superb quality and flavor with rich dark red color, very little core and few seeds. Valuable for home or market because of earliness and tremendous yield. (See inside front cover.) Pkt. 15c, ½ oz. 50c, oz. 90c, ¼ lb. \$3.00, prepaid.

**618. NEW SCARLET DAWN**—(70 days.) Gold Medal Winner for 1935. A cross between Clark's Early and Marglobe, earlier than either parent. Vines are of medium growth, fairly open and very prolific. Fruit: very large with thick wall structure—globular, smooth, free from flat sides and puffiness. Color: bright scarlet, ripening well to the stem. Exceptionally attractive and highly desirable for home gardens, shipping or canning. (See inside back cover.) Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$5.50, prepaid.

**617. PRITCHARD OR SCARLET TOPPER**—(73 days.) We consider this the most valuable new introduction of the present time. A scarlet, self-topping, disease-resistant variety originated by the late Dr. F. J. Pritchard, of the U. S. Department of Agriculture, in 1931. It is a cross between Marglobe and Cooper's Special, and has inherited fine qualities from each parent. It is highly productive, of excellent quality, and very valuable for market garden use and for long distance shipping. Fruit: large, smooth, solid, with thick walls and cross sections; color light scarlet. Pkt. 10c, ½ oz. 25c, 1 oz. 40c, ¼ lb. \$1.35, lb. \$5.00, prepaid.

**612. SPARKS EARLIANA**—(65 days.) Ours is one of several excellent strains of this important variety bred for thicker smoother fruits. Fruit: flattened, medium size, firm, bright red, quite smooth. Vine: open spreading, medium small. A first early sort, widely used for home gardens and truckers. Pkt. 5c, ½ oz. 15c, oz. 25c, ¼ lb. 85c, lb. \$3.00, prepaid.



Pritchard or Scarlet Topper.



TOMATOES — TOBACCO — TURNIPS — RUTABAGAS

Tomatoes

**639. GIANT PONDEROSA**—(88 days.) The largest tomato grown. A splendid sort for home use and for canning, as the fruits are so solid, meaty and free from acid. Fruit: very large, flat, purplish pink, solid, with small seed cells; of inviting flavor. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.40, prepaid.

**636. CRIMSON CUSHION OR BEEF-STEAK**—(90 days.) Very large, round, and uniform, bright scarlet in color. Flesh is solid and meaty, of deliciously mild flavor, with only a few small seed cells. The vines grow from 8 to 10 feet high, and may be trained or tied to a trellis, forming a most ornamental fence for the vegetable garden. If planted early, Beef-steak will ripen by the middle of July, and continue to bear until killed by frost. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.40, prepaid.

**642. GOLDEN PONDEROSA**—(89 days.) An exceptionally large, mild flavored, yellow sort for the home garden for late maturity. Fruit: very large, flat, deep yellow, quite solid, slightly rough, with small seed cells. Vines: large, spreading, strongly resistant to wilt. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.40, prepaid.

**643. NEW GOLDEN OXHEART**—(92 days.) A novelty that every gardener will want. Just as the Pink Oxheart, its shape differs from any other tomato, is of great size, shaped like an Oxheart. Flesh: almost seedless. Fruit: smooth, of fine, mild flavor and is considered the new leader of yellow varieties. Grow some of these and surprise your friends. Seed supply very limited. Pkt. 15c, 1/2 oz. 45c, oz. 75c, 1/4 lb. \$2.50, prepaid.



ADAMS  
PEONY and  
TOMATO  
SUPPORTS

Made of strong galvanized wire—will not rust. The most satisfactory plant support on the market. Inexpensive—will last for years.

| Diameter | Height | Gauge | Price  | Not     |
|----------|--------|-------|--------|---------|
| Top Ring |        | Wire  | Each   | Prepaid |
| 14 in.   | 30 in. | 6     | \$0.30 | \$1.20  |
| 18 in.   | 30 in. | 6     | .35    | 1.40    |
| 18 in.   | 30 in. | 3     | .50    | 2.00    |
| 24 in.   | 42 in. | 3     | .70    | 2.75    |



Giant Ponderosa.  
One of the Largest Prize-Winning Sorts.

TOBACCO

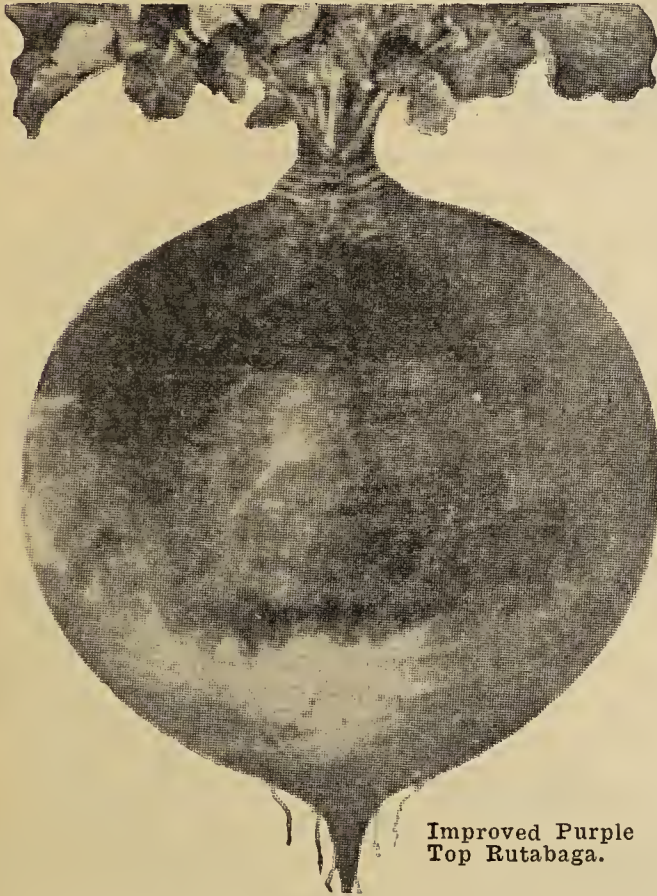
One ounce of seed will produce enough plants for one acre.

**519. CONNECTICUT SEED LEAF**—Grown principally for the manufacture of cigars. Hardy, prolific, and well suited to production in the North and Central States. Pkt. 8c, 1/2 oz. 25c, oz. 40c, prepaid.

TRANSPLANTED  
TOMATO PLANTS

The following varieties ready for shipment in May and June: Scarlet Ex. Early June, Earliana, Ponderosa, John Baer, Bonny Best, Scarlet Dawn and Oxheart. 12 for 25c, 100 for \$1.50, prepaid.—Not prepaid, 1,000 for \$10.50.

For Cabbage, Cauliflower, Celery, Chives, Ground Cherry, Pepper, Sweet Potato and Egg Plants, see page 25.



Improved Purple  
Top Rutabaga.

**CULTURE**—Turnips and Rutabagas do best in highly enriched, light loam soil. In rich soil and cool weather, they grow rapidly, without becoming bitter in flavor. Sow in April, in drills 12 to 15 inches apart, and thin out to stand 8 inches apart in the row. Rutabagas keep much longer than Turnips, otherwise there is but little difference in flavor.

Turnips and Rutabagas

One ounce will sow 125 feet of drill, two pounds per acre in drills, three pounds broadcast. See Culture at bottom of page. Please order by name and number.

**681. EXTRA EARLY PURPLE TOP MILAN TURNIP**—(40 days.) An extra early sort for home garden and truckers. Can also be used for forcing. Of excellent quality. Roots: 3 to 4 inch diameter, very flat, white with purple top. Flesh: clear white, fine grained, sweet and tender. Pkt. 5c, oz. 12c, 1/4 lb. 30c, lb. 85c, prepaid.—Not prepaid, 5 lbs. at 75c per lb.

**683. WHITE EGG TURNIP**—(55 to 60 days.) Grown principally by home gardeners and truckers to local markets. An early variety adapted for either spring or fall sowing. Roots: 2 to 2 1/2 inch diameter, 3 to 3 1/2 inches long; egg-shaped, white throughout; smooth, fine grained and of excellent quality. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 70c, prepaid.—Not prepaid, 5 lbs. at 60c per lb.

**685. PURPLE TOP WHITE GLOBE TURNIP**—(58 days.) An all-purpose variety, widely used for home and market gardening, and for shipping. Our pure bred strain is noted for its uniformity and productivity. Roots: 4 to 6 inch diameter, large globe shaped, very smooth, upper part purple-red, white below. Flesh: white, sweet, crisp and tender. Pkt. 5c, oz. 12c, 1/4 lb. 25c, lb. 80c, prepaid.—Not prepaid, 5 lbs. at 70c per lb.

**686. EARLY PURPLE TOP STRAP LEAVED TURNIP**—(45 days.) A medium early productive variety, used extensively for home and market garden planting. Roots: 3 to 5 inch diameter, flat, purple red at the tops, white below. Flesh: white, fine grained and tender. Tops, medium, upright and compact. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 75c, prepaid.—Not prepaid, 5 lbs. at 65c per lb.

**698. IMPROVED AMERICAN PURPLE TOP RUTABAGA**—(88 days.) Our special strain is noted for its uniformity of shape and heavy yield. A dependable variety for large scale production for storage and shipping. Keeps well and of excellent quality. Roots: 5 to 7 inch diameter, large, round with small neck and slight tap root; yellow with purple top. Flesh: light yellow, firm, sweet and tender. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c, prepaid.—Not prepaid, 5 lbs. at 55c per lb.

**699. WHITE OR SWEET RUSSIAN RUTABAGA**—(90 days.) A very productive sort grown for table use and stock feeding. Roots: 5 to 6 inch diameter, very large, globular, with medium neck, color mainly white, with bronze-green top. Flesh: white, sweet, semi-firm. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 70c, prepaid.—Not prepaid, 5 lbs. at 60c per lb.

**701. F. S. & N. CO'S EARLY NECKLESS RUTABAGA**—A new variety and a great improvement over Purple Top Yellow Rutabaga. It is three weeks earlier—entirely neckless—free from side roots, round and uniform. The flesh is white, fine grained and sweet. Its bulbs are half grown before American Purple Top starts to bulb. Another money-maker for market gardeners and a quality vegetable that sells on sight. Pkt. 5c, oz. 12c, 1/4 lb. 25c, lb. 80c, prepaid.—Not prepaid, 5 lbs. at 70c per lb.

**700. YELLOW MAMMOTH RUTABAGA**—A large size root of good shape, a heavy yielder and very hardy. One of the most profitable to grow. Keeps well. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c, prepaid.—Not prepaid, 5 lbs. and over at 55c per lb.



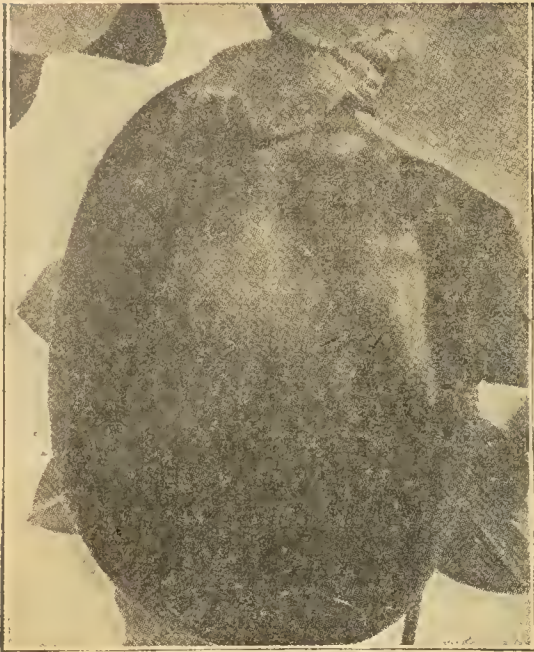
CHOICE ~ UNUSUAL

# Miscellaneous

for YOUR

# VEGETABLES

GARDEN



New York Improved Eggplant.

## EGGPLANT

1 oz. for 1,000 plants.

Sow seed in hotbed in March, when about an inch high, pot in 3-inch pots. Set out about June first, 2 1/2 feet apart each way.

**300. NEW YORK IMPROVED LARGE PURPLE SPINELESS**—The plants are large, vigorous, spreading, and the fruits are very large, oval, of glossy, dark purple color; usually 4 to 8 fruits are produced by a plant. Pkt. 8c, 1/2 oz. 20c, oz. 30c, 1/4 lb. \$1.00, prepaid.

**302. BLACK BEAUTY**—Desirable for the northern states. Earlier than New York Spineless. The fruits are broad, thick, of most attractive form and finest flavor. Their rich, lustrous, purple color is very uniform. Pkt. 8c, 1/2 oz. 20c, oz. 30c, 1/4 lb. \$1.00, prepaid.

## ENDIVE

**305. GREEN CURLED**—A very beautiful sort of which the leaves are very light colored, even the outer ones being nearly white. They are crisp and tender. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. \$1.00, prepaid.

## CELERIAC—Turnip Rooted Celery

The roots are used in salads or boiled like parsnips, or turnips, and have a celery flavor. They keep well all winter. Celeriac may be cooked and served with cream sauce, or used as a salad.

**205. LARGE ERFURT**—Roots large, smooth, turnip-shaped, excellent flavor. Pkt. 8c, oz. 20c, 1/4 lb. 60c, lb. \$2.25, prepaid.



Kohlrabi Early White Vienna.

## HERBS FOR SEASONING

Essential for flavoring. Used fresh during the summer. For winter use, dry young stems and leaves, tie in bunches and store in Mason jars, to keep out air and dust.

**660. CARAWAY**—Grown for the seeds, which are used for flavoring. Pkt. 8c, oz. 25c, prepaid.

**661. CHIVES**—Used for seasoning. Of mild onion flavor. Pkt. 8c, 1/2 oz. 35c, oz. 50c, prepaid.

**663. DILL**—Seeds have an aromatic odor and pungent taste. Used for pickles. Pkt. 5c, oz. 10c, 1/2 lb. 40c, lb. 75c, prepaid.

**670. MINT**—Old-fashioned. Mint leaves add zest to cool, refreshing drinks as lemonade, ice tea, Mint Juleps. Fine for sauce. Pkt. 10c, oz. \$2.50, prepaid.

**671. MARJORAM**—The young, tender tops are used green for flavoring, or they may be dried for winter use, for flavoring broths, dressings, etc. Pkt. 8c, oz. 35c, ppd.

**674. SAGE**—The leaves and tops are used very extensively for seasoning. Pkt. 8c, oz. 35c, prepaid.

**675. SUMMER SAVORY**—A hardy annual. The dried stems, leaves and flowers are fine for flavoring soups, dressings, etc. Pkt. 8c, oz. 30c, prepaid.

**676. THYME**—The young leaves and tops are used for seasoning soups, in dressings, etc. Pkt. 8c, oz. 50c, prepaid.

### COLLECTION OFFER

Select any 5 Pkts. above Herbs for 30c, prepaid.

## LEEK

**211. LONDON FLAG**—A species of onion ideal for flavoring soups. Thin plants to 6 inches apart. When 8 inches high transplant in rows 10 inches apart, deep as possible to blanch neck. Pkt. 8c, oz. 15c, 1/4 lb. 55c, lb. \$2.00, prepaid.

## VEGETABLE SPAGHETTI

**265. GOLDEN MACARONI**—This remarkable vegetable (of Cucumber family) sets fruits freely, like squash. The smooth, creamy white skinned fruits look something like vegetable

- BRUSSELS SPROUTS, Page 4
- CHIVE PLANTS, Page 25
- CRESS (Pepper Grass), Page 12
- GARLIC BULBS, Page 15
- GROUND CHERRY, Page 22
- HORSE RADISH, Page 25
- MUSTARD (English), Page 12

like vegetable marrow, measuring 8 inches long and 4 inches around. Pick fruit when well matured and cook whole, (without cutting or skinning), in boiling water for 20 minutes; then cut as shown in picture. You will find a stringy spaghetti-like content which is quite tasty when seasoned with vinegar, sauce, or cooked in other ways. The fruits can be stored until late spring. Do not pick fruit until fully matured; to cook, do not skin or cut fruits; and do not cook too long as this will soften stringy texture of contents. Pkt. 10c, oz. 25c, 1/4 lb. 85c.



A Single Hill of "Girasol."

## "GIRASOL"—The Lazy Man's Spud

Girasol is a tuber, related to Artichokes and Sunflowers. A native of America, though has been grown in France for years. The tubers outyield potatoes 2 or 3 to 1, yielding from 10 to 20 tons per acre. Girasol tops yield 10 to 20 tons of silage per acre. The foliage becomes so dense that after two cultivations, weeds cannot survive.

Girasol is propagated by tubers only and cannot become a pest. It is not injured by freezing, and it may be harvested in fall or following spring.

All stock and poultry like Girasol tubers.

### VALUABLE FOOD FOR DIABETICS

The tubers may be eaten raw, or cooked, the same as other vegetables. Millions of people who have to limit their use of starchy food, may substitute Girasol in which the carbohydrates are in the form of inulin instead of starch. It is particularly valuable for diabetics.

Plant 3 feet apart in rows 4 feet apart (20 to 22 bu. per acre, 40 lbs. per bu.) Will grow on most any kind of soil, the richer the better. Cut the tubers and plant like potatoes. Send for Circular.

No shipments made before April 1.

Price: 5 lbs. \$1.00, prepaid, to 3rd zone only. Not prepaid, 1/4 bu. 80c, 1/2 bu. \$1.50, bu. (40 lbs.) \$2.80. (Write for prices on larger amounts.)

## KOHLRABI

Roots grow above the ground and are cooked like turnips, but are of much milder, more delicate flavor, and very tender. Sow in drills 18 inches apart, and thin to stand 4 or 5 inches apart in the rows.

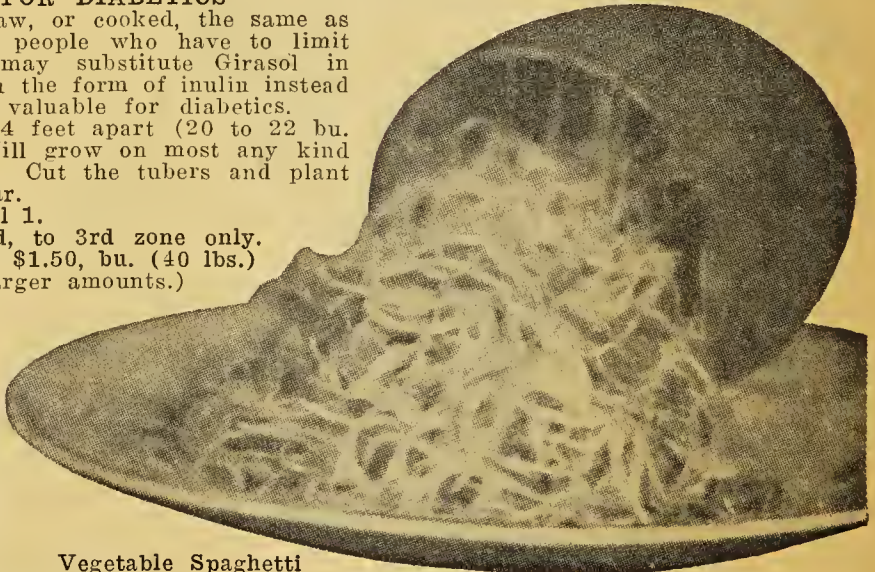
**310. EARLY PURPLE KOHLRABI**—(62 days.) Dwarf plants having short, green leaves with purple stems and veins. Bulbs globular, purple, with white, tender flesh. Pkt. 8c, oz. 15c, 1/4 lb. 60c, lb. \$2.00, prepaid.

**311. EARLY WHITE VIENNA**—Very handsome, white fruit. Excellent both for forcing and open ground; flesh white and very tender; leaves short. Pkt. 8c, oz. 15c, 1/4 lb. 60c, lb. \$2.00, prepaid.

## KALE OR BORECOLE

Borecole or Kale is a cabbage-like plant which forms no heads, but is used like spinach, for fall, winter and spring greens. Dwarf Kale can be sown late, and need not be transplanted. Frost improves the flavor and quality.

**75. DWARF GREEN CURLED**—Plant is low and compact with large, bright green leaves, curled, and wrinkled. A healthy vegetable, and one of the most palatable when well cooked. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 80c, prepaid.



Vegetable Spaghetti





# Vegetable Roots and Plants



## TRANSPLANTED VEGETABLE PLANTS

New reduced prices. Owing to packing cost we cannot accept orders under 50c.

We supply good healthy transplanted plants of all the varieties listed below, in their proper season. Packing charges are included in the prices named. As soon as the transplants are taken from the flats in the greenhouse they are wrapped in moist moss and covered with oil paper, and mailed at once. Prices on plants in 1,000 lots are for seedlings. Special varieties will be grown for you if ordered early.

We cannot accept shipments beyond the third zone (300 miles) at prices quoted—all shipments beyond the third zone are sent at customer's risk.

50 or more plants at the 100 rate.

—Minimum Order 50c.

|                                                                                                                                        | Postpaid<br>Dozen | Not Ppd.<br>100 | Not Ppd.<br>1,000 |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------------|
| <b>CABBAGE, Early.</b> Ready in April and May. Jersey Wakefield, pointed head; Copenhagen Market, Golden Acre, flat head.....          | \$0.20            | \$1.25          | \$9.00            |
| <b>CABBAGE, Late.</b> Ready in June. Hollander or Danish Ballhead, Premium Late Flat Dutch....                                         | .20               | 1.25            | 9.00              |
| <b>CAULIFLOWER.</b> Ready in April and May. Super Snowball .....                                                                       | .30               | 2.00            | 12.50             |
| <b>CELERY, Early.</b> Ready in June. White Plume, Golden Self Blanching .....                                                          | .25               | 1.50            | 10.50             |
| <b>CHIVES.</b> Ready in April. Per bunch, about 1 doz. plants .....                                                                    | .30               |                 |                   |
| <b>EGG PLANT.</b> Ready in May and June. New York Purple .....                                                                         | .30               | 2.00            | 12.50             |
| <b>GROUND CHERRY.</b> Ready in May and June....                                                                                        | .30               | 2.00            | 12.50             |
| <b>PEPPER.</b> Ready in May and June. Bull Nose, Harris E. Giant, California Wonder.....                                               | .30               | 2.00            | 12.50             |
| <b>SWEET POTATO PLANTS.</b> Ready in May and June .....                                                                                | .30               | 2.00            | 12.50             |
| <b>SAGE.</b> Ready in May and June. 6 for 30c....                                                                                      | .50               |                 |                   |
| <b>TOMATOES.</b> Ready in May and June. Scarlet Dawn, Scarlet Extra Early June, Earliana, Ponderosa, Bonny Best, John Baer, Oxheart... | .25               | 1.50            | 10.50             |

Tomatoes and Peppers—Individual Potted Plants 75c per dozen, prepaid.

## IF YOU LIKE OUR CATALOG

Why not do a good turn for some friend who could also make good use of a catalog? We will furnish the catalogs if you will give us the names and addresses of five good farmers or gardeners.

For the favor we will send two garden or flower seed novelties, our selection. **FREE.** This offer good only to March 1, 1936.

## SUMMER FLOWERING PLANTS

For Porch and Window Boxes, Flower Beds, Etc.



Washington Asparagus Roots.

Asters, Calendula, Canterbury Bells, Larkspur, Petunia, Pansy, Salvia, Snapdragon, Zinnia—also Special House Plant Collection of Ferns, Geraniums, Ivy, Lantana, Perennials, etc.

Some real surprises in Dollar Bargains on pages 56-57.

## WASHINGTON ASPARAGUS ROOTS

A rust resistant variety, of large size and rapid growth. Most profitable for market, and very prolific. The tips are firm and tight, and do not open out until quite tall. They are dark green and thick, of beautiful appearance when bunched. The soil should be deeply dug, and plenty of fertilizer mixed in, before the roots are set out. Set the roots in rows 2½ to 3½ feet apart, 8 to 12 inches apart in the rows. The plants should be set so that the crowns are 2 inches below the surface. One-year-old plants are considered best for setting out.

For commercial planting 5,445 Asparagus Roots will plant an acre if set 2 feet apart and rows 4 feet apart, or 11,000 plants if set 1 foot apart and rows 4 feet apart. Price: One-year-old roots, 25 for 55c, 50 for 90c, 100 for \$1.50, prepaid.—Not prepaid: 500 for \$5.00, 1,000, for \$8.50.

## FROST PROOF CABBAGE PLANTS

No Delivery Beyond the Third Zone (300 Miles).

We cannot accept plant orders under 50c.

These plants are extremely hardy, and produce the earliest cabbage, fully three or four weeks ahead of any other plants. They are grown in Texas, during the winter, when the weather is often freezing, enduring cold rains and sleet. They can be set out as soon as the ground can be worked and are not injured by shipping or transplanting, as they make strong growth. They are cheap, profitable and sure to grow.

We offer the three best sorts in bundles of about 100 of a kind only, which cannot be divided. Prices include postage.

**EARLY JERSEY WAKEFIELD, FLAT DUTCH or COPENHAGEN MARKET.** Price 100 for 60c, 200 for \$1.10, 500 for \$2.25, 1,000 for \$3.50.

Not available after May 1.

Iowa grown plants of the above varieties will be available at the same prices from May 1st to June 10th.



Frost Proof Cabbage.

## BERMUDA ONION PLANTS

To mature extra early, these are grown in Texas, under winter conditions that make them extremely hardy and vigorous. They produce the finest flavored mild onions, in just a short time. They are excellent to grow for green onions, early in spring, or they may be allowed to develop to their full size and used in the fall. They grow large and are fine for market.

We ship Onion Plants at proper time for setting out. We cannot take orders after May 1.

Prices: 200 plants, 35c, 500 plants 70c, 1,000 plants, \$1.10, prepaid. Case of 6,000 plants, \$3.75, not prepaid, weight, 35 lbs.



Bermuda Onion Plants.

## RHUBARB OR PIE PLANT

Rhubarb affords the earliest sauces and pies in spring. Set roots out in spring or fall, in rows 4 feet apart, so the crowns are an inch below the surface. Do not pull stalks the first season. Plants set out in the spring will bear quite abundantly the following season. Fertilizing in the fall will be of great help to the next season's crop. Price: By mail, 3 for 30c, 12 for \$1.00, postpaid.—Not prepaid: 100 for \$5.50.

## NEW MacDONALD RED RHUBARB

This is the new strain becoming immensely popular with growers everywhere, on account of its bright crimson color. It originated in Quebec, and roots only are available. Produces large tender stalks, very succulent, and has a bright raspberry color when cooked. This variety will replace the common strain as soon as production can be increased. Roots while available are offered at 75c each, prepaid. Not prepaid, 10 for \$5.00, 25 for \$11.50.

## HORSE RADISH ROOTS MALINER KREN

The large white variety from Bohemia—much larger and sturdier roots than the common variety. Exceptionally fast grower and most profitable of all. Flesh pure white. By mail, 6 roots for 30c, 12 for 50c, 100 for \$2.50, prepaid. Large Roots for Grating: 10 lbs. \$1.00, prepaid.—Not prepaid: 25 lbs. \$1.75, 100 lbs. \$6.00.

FOR HOUSE PLANTS, SEE PAGES 56-57.  
FOR STRAWBERRY PLANTS, SEE PAGE 27.  
FOR PLANT GUARDS, SEE PAGE 26.  
FOR PLANT SUPPORTS, SEE PAGE 23.

F. S. & N. Co.

I received my Tomato Plants and am more than pleased with them. They are lovely, sturdy plants. You are a very reliable and good company and I assure you I will get you new customers and will buy a larger order from you next season.

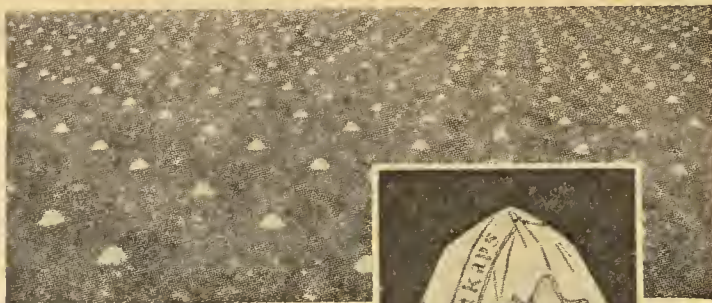
Mellen, Wis.

Violet Genoshe.





An  
Extra  
Money-  
Maker



## "GERMACO" HOTKAPS

MODERN INVENTION PROTECTS PLANTS FROM FROST.

"GERMACO" HOTKAPS can make many extra dollars for you this season. They are patented wax paper cones—"Individual hothouses for each plant"—that completely cover them, and fully protect them from frost, wind, rain, ground-crusting, and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. Hotkaps are inexpensive and easy to use. One man "sets" 2,500 per day.

Hotkaps enable growers to market crops three weeks earlier and reap the fancy prices paid early in season.

Prices: 100 Hotkaps, Home Package, including 1 Garden Setter and Tamper, \$2.50, f. o. b. Faribault.

250 Hotkaps, Trial Package, including 1 Garden Setter and Tamper, \$3.75, f. o. b. Faribault.

Hotkaps only, 100 for \$1.60, 250 for \$3.60, prepaid.

Not prepaid—500 for \$5.25, 1,000 for \$10.00, 5,000 at \$9.75 per 1,000, 10,000 at \$9.50 per 1,000.

Weights: 1,000, 28 lbs.; 250, 9 lbs.; 100, 5 lbs.

Steel Hotkap, Setter and Tamper, \$1.50.

Garden Setter, each 50c.

Steel Tamper, each 25c.

A Sure Way to Better Your Profits.

Special Experimental Offer: 25 Hotkaps for 65c; 50 for \$1.15, ppd.

Get Our  
Free Booklet.

## MASTERS RAPID PLANT SETTER

The only practical tool for transplanting all kinds of plants—Tomatoes, Cabbage, Cauliflower, Pepper, Egg Plant, Strawberries, etc.

Each plant is set, watered and covered in one operation, without any stooping or lame backs. Cuts labor to one-third. With the Masters Rapid Plant Setter, one man will set 8,000 to 15,000 plants per day—this is more than three men can do by hand.

Does Perfect Work.

The roots of each plant are put into the ground in a natural position and firmly set by the absorption of the water into the ground. This is "Nature's Own Way." Transplanting losses are reduced to the minimum. The tiny roots are sucked into the ground almost as though they grew there and the plant takes hold and starts to grow at once.

Don't Wait for Showers.

You can set your plants just when you are ready with the Masters Rapid Plant Setter and you will have a full stand of plants without fail. Works equally successful on hillsides, among stumps and uneven ground.

Thousands are in use—they are guaranteed to satisfy you fully or money back. This Setter will pay for itself within the first week of use. Price: \$5.50, f. o. b. Faribault. Weight, 7 lbs.



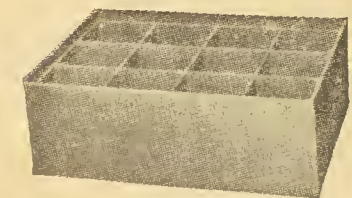
Masters  
Plant Setter.

## PLANT BANDS AND PLANT BOXES

For starting and growing seedlings—shipping young plants—protection against cut worms.

Neponset Plant Bands are made of heavy durable, waterproof paper. The ingenious side locking construction makes for convenience in setting up.

Neponset Plant Boxes are becoming exceedingly popular—each box contains 12 two-inch plant bands—trays made of durable thickness of the same heavy waterproof paper.



The plant box is ideal for starting seedlings indoors, or for growing and marketing plants in units of 12. They are inexpensive and are used by leading gardeners everywhere.

Price: Plant Boxes and 12—2-inch Plant Bands in each—10 for \$1.10, prepaid. Not prepaid—100 Plant Boxes and 1,200 Bands for \$8.70—500 Plant Boxes and 6,000 Plant Bands, \$42.00.

Plant Bands only: Size 2 inch—100 for 60c, prepaid. Not prepaid—500 for \$2.15—1,000 for \$3.25. Three-inch size, for larger plants, 100 for 75c, prepaid. Not prepaid, 500 for \$2.80—1,000 for \$4.60.

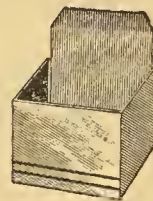
## NEPONSET FLOWER POTS

Adapted for growing, transplanting or shipping. Made of tough, waterproof black or green paper, eliminating breakage. Permits speed in handling and more economical than clay pots. Used by the best gardeners everywhere. The green pots are somewhat heavier for frequent handling.

| Prices:            | Dozen   | 100     | 1,000       |
|--------------------|---------|---------|-------------|
|                    | Prepaid | Prepaid | Not Prepaid |
| 2 -inch, Black..   | \$0.15  | \$0.60  | \$4.75      |
| 2 ½ -inch, Green.. | .18     | .75     | 6.00        |
| 3 -inch, Green..   | .20     | .90     | 7.80        |
| 3 ½ -inch, Green.. | .23     | 1.15    | 9.75        |
| 4 -inch, Green..   | .28     | 1.50    | 11.00       |
| 5 -inch, Black..   | .30     | 1.60    | 12.50       |



## BERRY BOXES AND CRATES EWALD'S FOLDING BERRY BOX



Complying with all state laws, this box is considered the most practical—saves time and effort—no nails or stapling. A strong non-collapsible box in standard quart and pint sizes.

Quart Size—100 boxes, \$1.40; 250 boxes for \$3.00; 500 for \$4.85; 1,000 for \$9.00.

Pint Size—100 boxes, \$1.20; 200 for \$2.25; 400 for \$3.95; 1,000 for \$8.00, f. o. b. Faribault.

## AMERICAN ONE-QUART BASKETS AND CRATES



All made up—firmly constructed—standard size—packed nested. Our best seller and most economical to use. Price: 100 baskets, \$1.25; 500 baskets, \$4.25; 1,000 baskets, \$7.85.

PINT SIZE BASKETS—100 for \$1.00, 500 for \$3.75, 1,000 for \$6.85. F. O. B. Faribault.

## STANDARD CRATES

Made from best ½-inch seasoned lumber, planed 9 inches wide and 8 ½ inches high. The sides are of veneering, 4 inches wide and 20 ¾ inches long. Cover is one solid piece of veneering. Use 1 ½-inch cement coated nails.

Sixteen-quart crates—100, \$16.75; less quantities, 20c each.

Twenty-four pint crates—100, \$16.50; less quantities, 18c each.

F. O. B. Faribault.

## MINN. VENEER PLANT GUARD

Protects plants from damage by cutworms—acts as fertilizer.

Cutworms frequently do more damage than insect pests to growing plants. Here is inexpensive insurance—simple and easily applied, always sure protection.

Minnesota Basswood Veneer Plant Guards may be readily placed around the plants just after planting. The wood bands will not choke or hinder growth or development of the plants. After 8 to 10 weeks the bands are absorbed by the soil and act as a fertilizer, promoting healthy plant growth. Set bands about two inches in the soil. Indispensable for market growers or home gardeners. Order now to have them on hand when needed, at these low prices.

Price: 3x8-in. Bands (packed flat), 100 for 50c, prepaid. Not prepaid, 500 for \$1.25, 1,000 for \$2.00. 4x10-in. Bands, 100 for 75c, prepaid. Not prepaid, 500 for \$1.60, 1,000 for \$3.00.



## WHITE ELM TREE PROTECTORS

White Elm Veneer Bands are distasteful to rabbits and rodents. They are easily tied around small trees and offer inexpensive tree insurance. They are shipped flat. Size, 10x20 inches, and are worth many times their small cost.

Price: 50 for 85c, 100 for \$1.50, 1,000 for \$12.00, f. o. b. Faribault.



IDEAL  
HAND  
WEEDER  
HANDS  
ON EARTH.

## IDEAL WEEDER

Indispensable for all garden work. Just the thing for close work around delicate plants. Most practical weeder on the market. Used by the best gardeners everywhere.

Price: 25c each, 3 for 65c, postpaid.

## HOLE-IN-ONE PLANTING TOOL

Just the thing for setting out plants—makes a hole-in-one operation. Simply cut the tool into the soil and in withdrawing the tool, with a twisting motion, out comes a plug of soil—leaving a perfectly flat bottomed hole. No ragged edges, but a firm base for your plants.

This tool is made of high grade bronze, rigidly constructed—finished in bright red. Price: 55c, prepaid.

The same tool with long handle, designed for hard work and with adjustable foot rest for controlling planting depth, \$2.90, f. o. b. Faribault.



Hole-in-One  
Planter.





## WHAT BUYERS SAY

Gamble-Robinson Co.,  
Wholesale Fruits, Mpls.  
Wayzatas are so far  
ahead of other straw-  
berries in quality and  
appearance, they sell  
themselves. — E. H.  
Magnuson, Buyer.

10% Discount on  
orders received  
before March 1,  
with remittance  
from this page.

October "Wayzata" Strawberries.—Mpls. Journal Photo.

## MASTODON EVERBEARER

A very popular and large Everbearing strawberry. From early summer into late fall, you can enjoy these large, fine-flavored berries.

In three months the extra large berries are ready to serve. The color is a beautiful shining dark red. Quality firm but juicy and of a rich flavor.

350 to 400 16-qt. cases per acre have been reported by growers—15 to 20 berries filling a quart box.

One hundred plants will supply the average family with berries throughout the season and allow plenty for canning besides.

In order to secure genuine Mastodons, hardy northern grown plants, get your order in early.

We offer plants at bargain prices, freshly dug and guaranteed to reach you in prime condition. Prices: 25 for 70c, 50 for \$1.10, 100 for \$1.85, prepaid. Not prepaid—500 for \$6.00, 1,000 for \$11.50.

## NEW GEM EVERBEARER

A recent introduction and a real quality berry of glistening beauty is the Gem Everbearing Strawberry. It has the flavor of the best June bearing varieties and produces fruit the first season—continuing until late fall. For market it is a proven money-maker. Plants grow 7-8 in. tall, producing 8-15 fruit stems. It is a perfect pollinizer and bears abundantly. Some of the berries have measured 2 in. in diameter. Will grow in any good garden soil and the berries hold their color, which accounts for it being a favorite market variety.

The flavor is outstanding; rich and sweet even when not fully ripe.

Prices: 50 for \$1.00, 100 for \$1.75, prepaid. Not prepaid—500 for \$5.50, 1,000 for \$10.00.

## FAIRFAX

Introduced by the Department of Agriculture and a wonderful plant maker. It thrives on all kinds of soil, is self-pollinating and withstands frost and drought remarkably well. Fairfax bears early fruit of good size and of rich carmine red color. You can always depend upon a long picking season with every berry ripening perfectly. Quality and flavor excellent. For home or market this berry will make good anywhere.

Prices: 50 for 70c, 100 for \$1.10, prepaid. Not prepaid—500 for \$3.95, 1,000 for \$6.25.

## SENATOR DUNLAP

The old standby and a most satisfactory and productive June bearing variety. Does well wherever planted. Ripens medium early and continues to bear for a long time. The berries are large, beautiful form and color. Fruit firm and of luscious flavor. Good shipper. Prices: 50 for 60c, 100 for 95c, prepaid. Not prepaid—500 for \$2.95, 1,000 for \$5.25.

Witt's Market—Mpls.  
After two years' experience selling "Wayzata" Strawberries, we find they are far superior to any other berry we have ever handled.  
H. E. Paulson, Buyer.

# STRAWBERRY PLANTS

## HOW TO GROW STRAWBERRIES

There is no trick about growing the best strawberries in any ordinary garden soil. Now you can buy strong, well-rooted plants, guaranteed to reach you in perfect condition for about half the usual nurserymen's prices direct from our farms.

Plants should be set about 18 inches apart each way in a small garden, or in rows 5 ft. apart and the plants 1 ft. apart for field culture. This would require 8,700 plants to the acre or a trifle over 50 plants to the rod of land. With good care one may expect one pint of fruit to the plant. Some varieties have yielded 10 to 15,000 quarts per acre.

Spring planting is best. Spread out the roots in setting out plants, water them thoroughly and pack down firmly. Cut runners after blooming time, to strengthen the plants and increase size of the berries. Plants will usually bear 3 to 5 years.

Note—Prices quoted are prepaid to 3rd zone only (300 miles). Shipments beyond go at purchaser's risk and expense.

## "WAYZATA" -- World's Best Everbearer

From a single plant, discovered in 1924, in an experimental plot of the Minnetonka district, the now famous "Wayzata" Strawberry was developed.

It took years of selection and development from the single plant to produce the new "Wayzata" Strawberry, now recognized as the outstanding introduction.

The "Wayzata" is a hardy, disease and frost resistant variety—produces a late fall crop equal to the best June berries. Growers everywhere have become interested and all available plants were sold at good prices.

The berries are glossy red, of good size, firm texture, coreless and have a fine, mild flavor. Their attractive appearance makes them sell readily on the market and Twin City fruit dealers have been unable to supply the demand for this berry.

Without question the "Wayzata" berry will develop a new market for fall strawberries and make wonderful profits for growers. It is also an ideal canning berry.

The "Wayzata" will make more vigorous growth in a shorter period of time than any Everbearing variety grown. If set early in spring, there is always a good crop of runners early in July—they will be loaded with fruit by the beginning of August. This new berry has a tendency to grow numerous crowns from a single root and each crown is always loaded with blossom stems. This is the outstanding characteristic of the "Wayzata" and is what makes it a heavy bearer. (See color illustration pages 38-39.)

## SOME "WAYZATA" PROFIT RECORDS

Here is a true record of a three-acre plot of "Wayzata" Strawberries grown by Braden Brothers:

| In 1933:                    | 1934 (Drought Year):        |
|-----------------------------|-----------------------------|
| First picking.....July 18   | First picking.....July 18   |
| Last picking.....October 23 | Last picking.....October 23 |
| Total yield.....901 cases   | Total yield.....502 cases   |
| Gross sales.....\$3,106.55  | Gross sales.....\$2,082.91  |

## "WAYZATAS" NOW AT LOWEST PRICES EVER QUOTED

Prices: Strong, hardy plants, delivered in perfect condition—25 plants \$1.50, 50 plants \$2.50, 100 plants \$4.50, prepaid. Not prepaid—500 plants \$18.00, 1,000 plants \$32.00. Special 10% discount for orders received with cash in full before March 1st.

## Home Garden Strawberry Collection

50 MASTODON  
Everbearers

50 PREMIER

50 DORSETT } June  
Bearing

150 Plants  
Special Price . . \$1.95  
Prepaid

## DORSETT

A new variety introduced by the Department of Agriculture, that is making a wonderful record. Immensely popular—especially in the East, but well suited also for the Northwest. It has out-yielded Premier in most trials, producing as high as 6,640 quarts per acre. The foliage is real vigorous, healthy and upstanding. The berries are considerably larger than those of Premier. Color is light red, beautiful in appearance, and appeals to all buyers in the market. A self-pollinating variety.

Dorsett is considered a frost-proof variety, having suffered no frost damage in its numerous trials. The quality of this berry is exceptionally fine. We advise ordering early.

Prices: 50 plants for 70c, 100 plants for \$1.10, prepaid. Not prepaid—500 plants for \$3.95, 1,000 plants for \$6.25.

## EARLY PREMIER

Premier is about the earliest June bearing variety. It always gives satisfaction and ranks first in the opinion of leading horticulturists. This berry has not only an attractive appearance, due to its large size, bright red fruit, but also has quality and flavor. It withstands drought exceedingly well and is one of the best shippers.

We offer big healthy, well rooted plants with which you cannot fail to get results.

Prices: 50 for 70c, 100 for \$1.10, prepaid. Not prepaid—500 for \$3.95, 1,000 for \$6.25.

## POTTED "WAYZATA" EVERBEARING STRAWBERRY PLANTS

We offer a limited number of especially potted Wayzata Strawberry plants with roots undisturbed, in dirt. Specimen plants that will develop faster and are sure to grow. We guarantee safe delivery. Order early while they are available.

Prices: 12 plants \$1.00, 50 plants \$4.25, prepaid.

For Strawberry Boxes and Crates.  
See Page 26.





# Why Buy MINNESOTA GROWN Nursery Stock?

## SIX VERY IMPORTANT REASONS

- 1—Our northern climate imparts exceptional hardiness and a strong root system.
- 2—Minnesota enforces the most rigid inspection laws—which means disease-free stock.
- 3—Our high standard of grading and inspection is known to all who have dealt with us these 48 years.
- 4—Our Minnesota Grown Raspberry and Strawberry Plants have set the standard of quality for the entire nation.
- 5—Faribault grown nursery stock is your best insurance of success and enduring satisfaction.
- 6—Our direct-selling method from grower to planter permits lowest prices.

### WE HELP YOU PLAN

If uncertain what to plant, let us help you plan. Tell how much you feel like investing and you will be surprised at the wonderful collection of Trees and Shrubs just a few dollars will buy, and the great improvement it will make.

### LANDSCAPE PLANS

We make no charge for suggestions what to plant, however, if a detailed plan is wanted, drawn to scale by our expert landscape draftsman, send us a remittance of \$2.00 to cover a complete plan with full instructions. The \$2.00 we request is to confine our efforts to those who are really interested and this amount will be applied on any purchase of nursery stock amounting to \$15.00 or over.

Send for a landscape chart on which to make a rough drawing of your place and present plantings, buildings, etc. It will be sent for 2c to cover postage. No planting plan can be made after March 15th by our Landscape Dept.

### SEND PART REMITTANCE ONLY

Make your selections now, so the best specimens may be reserved for your order. Don't wait until the planting season is at hand. Send us only one-third of the amount due with the order—balance can be paid at shipping time.

Note: Owing to the great expense of handling and packing nursery items, we cannot accept orders for Trees, Shrubs or Plants totalling less than 60c.

### SHIPPING SEASON

As a rule we ship from about March 15th, throughout April and May.

All items are securely packed and guaranteed to reach destination in good growing condition. Instructions for planting with every order.

## FREE PREMIUMS FOR EARLY ORDERS

To encourage early nursery orders before the rush of the season begins, we offer FREE PREMIUMS FOR NURSERY STOCK ORDERS RECEIVED BEFORE MARCH 1, 1936. Must be requested when order is placed. No Premiums After March 1st. This offer applies to nursery orders only.

With an order for nursery stock amounting to \$5.00 or more—

Your choice of either—

- 1 Scarlet Honeysuckle Vine. Free—Value 50c.
- 1 Coralbell or 2 Regal Lilies. Free—Value 50c.

With an order for nursery stock amounting to \$10.00.

Your choice of either—

- 2 trees of Prof. Hansen's New May Flower Tree. Free—Value \$1.00
- 2 trees Colorado Blue Spruce, transplanted. Free—Value 95c.

With an order for nursery stock amounting to \$15.00 or more—

Your choice of either—

- 1 Colorado Blue Spruce 18-24 in., heavy specimen. Value—\$1.75
- 10 Different Flowering Perennials for the hardy flower garden—our selection. Value—\$1.67.

Gift Offer Orders as described on page 36 are excluded.

## OUR FAIR PLAY GUARANTEE

All of our Nursery Stock carries the Minnesota Inspection Certificate and is guaranteed true to name and in good growing condition. If for any reason you do not find everything just as represented, notify us at once and we will order shipment returned, refund your money, or replace the items without charge.

Any tree or plant that dies the first growing season we will replace at half the catalog price, the following spring, if loss is reported by October 15th following date of purchase.

We cannot be responsible for losses other than the above.



### TREE SURGERY SERVICE

We offer expert tree surgery and personal landscape service at reasonable prices. Write for particulars.

A 6-Year-Old Chinese Siberian Elm—  
See Page 32.

\$
1
00
DOLLAR
Nursery
BARGAINS
1

| No.   | Postpaid to 3rd zone—4th and 5th zone add 15c. |        |
|-------|------------------------------------------------|--------|
| 1—40  | Chinese Elm. 6-12 inch                         | \$1.00 |
| 2—25  | Chinese Elm. 12-18 inch                        | 1.00   |
| 3—10  | Black Walnut. 1 year                           | 1.00   |
| 4—50  | Green Ash Seedlings. 1 year, mailing size      | 1.00   |
| 5—5   | Red Berried Mountain Ash. 1 year               | 1.00   |
| 6—20  | Soft Maple. 1 year                             | 1.00   |
| 7—15  | Black Hills Spruce Seedlings. 6-8 inch         | 1.00   |
| 8—8   | Colorado Blue Spruce Seedlings. 6-8 inch       | 1.00   |
| 9—15  | Douglas Fir Seedlings. 6-8 inch                | 1.00   |
| 10—15 | Norway Spruce Seedlings. 8-12 inch             | 1.00   |
| 11—6  | Black Hills Spruce Transplanted. 10-12 inch    | 1.00   |
| 12—6  | Colorado Blue Spruce Transplants. 6-8 inch     | 1.00   |
| 13—4  | Colorado Blue Spruce Transplants. 8-12 inch    | 1.00   |
| 14—5  | Douglas Fir Transplants. 8-12 inch             | 1.00   |
| 15—8  | Seedlings of Selected Jumbo Plums. 1 year      | 1.00   |
| 16—10 | Concord Grape. 1 year, mailing size            | 1.00   |
| 17—10 | Surprise Collection of Perennials              | 1.00   |
| 18—10 | Bridal Wreath, field grown. 1 year             | 1.00   |
| 19—6  | Forsythia, Golden Bell. 1 year, mailing size   | 1.00   |
| 20—3  | Hydrangea, Pee Gee, field grown. 1 year        | 1.00   |
| 21—4  | Scarlet Climbing Honeysuckle. Mailing size     | 1.00   |
| 22—15 | Buckthorn Hedging. Mailing size                | 1.00   |

### PARCEL POST SHIPMENTS

Allow plenty of postage to cover weight of stock and packing material on orders not prepaid. Any over-payment will be refunded.

Trees larger than 4-5 ft. will require severe trimming if sent by parcel post. For this reason we recommend express shipments. We reserve the right to ship the most practical way.



# NEWEST HARDY FRUITS AND BERRIES

## FROM GROWER TO PLANTER

### POSTAGE ON PARCEL POST SHIPMENTS OF NURSERY STOCK

If shipment is wanted by parcel post add to your remittance as follows:

#### For Raspberries and Blackberries:

Standard size plants, 11c as postage for 10 plants, 13c for 25 plants, 15c for 50 plants, 20c for 100 plants.

Heavy select grade, 12c as postage for 10 plants, 15c for 25 plants, 18c for 50 plants, 29c for 100 plants.

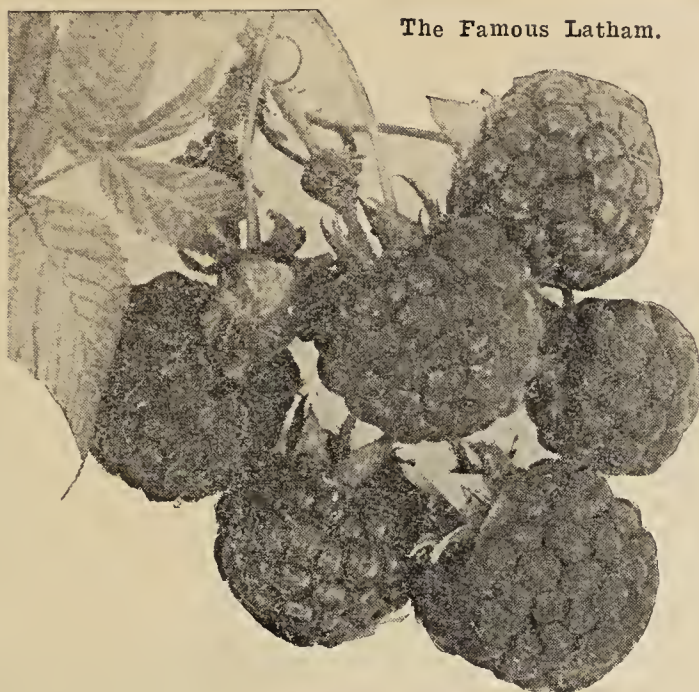
#### For Grapes—either grade:

Add 11c postage for 1 plant, 13c for 5 plants, 17c for 10 plants, 35c for 25 plants.

#### For Currants and Gooseberries:

Add 13c postage for 5 plants, 15c for 10 plants, 21c for 25 plants.

The Famous Latham.



## Minnesota Grown Raspberries BIG LUSCIOUS RED "LATHAM"

State Inspected, Mosaic-Free, Strong Plants. (See page 38.)

Latham has outstripped every other variety in point of yield and hardiness. The fruit is larger than other varieties—easy to pick and commands top market prices. In a yielding contest, Latham produced 5,430 quarts per acre. This wonderful Raspberry received the highest award of state and nation in 1927 when the American Pomological Society awarded the Latham the "Wilder" medal. It is considered the highest award given to any Raspberry. See Prices Below.

### NEW "CHIEF" EARLIEST RED RASPBERRY

An Offspring of the Famous Latham—10 Days Earlier. (See page 39.)

The newest outstanding variety from the Minnesota Fruit Breeding Farm. A seedling of the famous Latham and selected for its earliness and superior quality. New Chief has been carefully tested and has proven hardy—a heavy cropper, a good shipper, resistant to disease and is ten days earlier than the Latham. We advise planting both Chief and Latham for continuous production of fruit. Chief is easily grown in any garden soil. See Prices Below.

### NEWBURGH RED RASPBERRY

The most promising new variety. Fruit very large and firm, color, bright, attractive red. In keeping and shipping qualities it has no superior. The plants are vigorous, hardy and very productive. Weight of fruit often so great that the canes bend to the ground. No mosaic has appeared in trials up to the present time and fruit growers consider this berry holds great promise for the future. See Prices Below.

### CUMBERLAND BLACK RASPBERRY

The most satisfactory black variety. It is a vigorous grower, producing large size berries in great abundance. The most profitable market berry on account of its shipping qualities. See Prices Below.

### Blackberry—ALFRED

The hardest of all Blackberries and a new introduction, having withstood temperatures of 30 degrees below zero, without injury. Will thrive anywhere, is fast growing and bears very early. The berries are jet black—large in size—1½ to 2 inches long, coreless, sweet and juicy. They are practically seedless and you would rejoice on having at least a few bushes in your garden. See Prices Below.

### NUMBER OF PLANTS REQUIRED PER ACRE -

#### Raspberries

1,742 Raspberry plants are required per acre if planted 5x5 ft., 1,250 plants if planted 6x6 ft.

#### Strawberries

8,700 plants are required per acre or 50 plants to the rod if set 18 inches apart each way.

## Hardy Grapes

Grapes are easily grown in any garden soil and pay the biggest dividends for the small attention required. These are the hardiest dependable sorts. Prune grapes from November to March. (Weight 10 plants, about 5 lbs.)

**NEW FREDONIA**—A new, outstanding black variety. The earliest good large berried Grape for the Northwest. Vines are vigorous and productive and ripen their fruit three weeks earlier than Concord. Clusters are of medium size, very compact and berries large and round. Skin thick and tough; flesh is juicy and the flavor excellent. This Grape offers a great opportunity for market or home use. Plants none too plentiful—order early. Price: 1-year: 5 for \$1.65, 10 for \$3.15. 2-year: 5 for \$1.85, 10 for \$3.55. Illustration page 39.

**BETA**—Is as hardy as the wild Grape and produces heavy crops every year. The fruit is of medium size, black, good quality, ripens early, so can be grown far north. Beta Grapes easily sell at \$2.00 per bushel. There is a good demand for the fruit for jelly and grape juice. Price: 1-year: 5 for 85c, 10 for \$1.50, 25 for \$3.45. 2-year: 5 for \$1.25, 10 for \$2.10, 25 for \$4.95.

**CONCORD**—Large purplish black fruit, ripens middle of September. Suited to southern half of Minnesota with winter covering. Price: 1-year: 5 for 65c, 10 for 95c, 25 for \$2.10. 2-year: 5 for 90c, 10 for \$1.45, 25 for \$3.35.

## Hardy Pears

(See illustration on page 39.)

If more folks realized what wonderful Pears may be grown in the Northwest, Pears would soon become as popular as Apples. The new, hardy varieties compare favorably in size, quality and productiveness with those of the chief fruit-growing states. Growing Pears for market presents an opportunity that should prove profitable.

In planting, the soil should be loosened to a considerable depth as the trees send their roots straight down.

**DOUGLAS PEAR**—Another hardy Pear that has demonstrated its worth to the Northwest. It bears very young, only a year after planting. Is a regular fruiter—never injured by blight. Its fruit is large, golden-yellow, blushed scarlet, flesh white, tender and juicy. The flavor is unusually good. Price: 3-4 ft. 85c each.

**PARKER, MINNESOTA NO. 1**—A splendid new Pear, originated by the Minnesota Fruit Breeding Farm, and considered the finest of all. It is large in size, golden yellow with faint blush. Ripens in August. Trees bear young and heavily. Price: 2-3 ft. 85c each; 3-4 ft. 95c each; 4-5 ft. \$1.25 each.

**PATTEN**—A northern introduction, producing good sized fruit similar to Bartlett in form. Color is a greenish yellow with a bronze blush on the exposed side. The flesh is tender and very juicy. Has rich sub-acid flavor. Our first choice. Price: 2-3 ft. 95c each; 3-4 ft. \$1.25 each.

**TAIT**—Originated in Canada—therefore perfectly hardy. A good fruiter and a real quality Pear that should be found in every garden. Price: 3-4 ft. 85c each; 4-5 ft. 95c each.

## Currants

Currants and Gooseberries may be shipped into any state, except Connecticut, Idaho, Maine, Massachusetts, Michigan, New Hampshire, New York, Rhode Island and Vermont.

### NEW RED LAKE CURRANT

(See illustration on page 38.)

**MINNESOTA 24**—The newest Minnesota introduction. A Currant that grows big, red berries in long clusters.

The bushes are strong and vigorous with healthy foliage. They bear regularly and produce heavily.

Red Lake makes up into beautiful sparkling bright red jelly, and we predict a wonderful future for it, for either home use or market.

Price: 1-year: 5 for \$1.55, 10 for \$2.65, 25 for \$5.95. 2-year: 5 for \$2.65, 10 for \$4.95, 25 for \$11.85.

## Gooseberries

**CARRIE**—The best variety of the Gooseberry family. A heavy yielder of good-sized fruit. Perfectly hardy and recommended by Prof. Hansen as foremost in quality and productiveness. Price: Standard Grade plants, prepaid, 5 for \$1.65, 10 for \$2.85, 25 for \$6.85.

### PRICES—RASPBERRIES AND BLACKBERRIES

#### Chief or Latham—Red Raspberries:

|                     | 25     | 50     | 100    | 200    | 300    | 500    | 1,000   |
|---------------------|--------|--------|--------|--------|--------|--------|---------|
| Not Prepaid—        |        |        |        |        |        |        |         |
| Standard Grade.     | \$0.90 | \$1.55 | \$2.75 | \$4.95 | \$6.95 | \$9.95 | \$18.85 |
| Heavy Select—Latham | 1.75   | 2.25   | 4.15   | 7.85   | 10.85  | 15.35  | 29.50   |
| Heavy Select—Chief  | 1.50   | 1.90   | 3.45   | 6.55   | 9.00   | 12.75  | 24.95   |

We can also supply No. 2 Medium plants Chief or Latham—for commercial planting as follows: 100 for \$1.95, 200 for \$3.50, 300 for \$4.80, 500 for \$7.00, 1,000 for \$13.45.

#### Newburgh—Red Raspberries:

Heavy Select: 25 for \$2.65, 50 for \$4.65, 100 for \$6.85. Not ppd.

#### Cumberland—Black Raspberries:

|                  | 25     | 50     | 100    | 200    | 300    | 500    | 1,000   |
|------------------|--------|--------|--------|--------|--------|--------|---------|
| Not Prepaid—     |        |        |        |        |        |        |         |
| Standard Grade   | \$0.90 | \$1.55 | \$2.75 | \$4.95 | \$6.95 | \$9.95 | \$18.85 |
| Heavy Select.... | 1.95   | 2.95   | 5.35   | 9.85   |        |        |         |

#### Alfred—Blackberries:

Heavy Select: 10 for \$1.35, 25 for \$3.15, 50 for \$5.80. Not ppd. For postage required—see schedule top of page.



# Hardy Fruits that Thrive Anywhere

The nation is becoming fruit conscious. The value of fruit to diet and health is fully recognized,—but why not grow your own?

Within your grasp, and on your own land, lie possibilities for fruit production you have never dreamed of. A million dollar market is at your door—Apples, Plums, Pears and Cherries may be enjoyed

by everyone here in the Northwest, as well as in the best fruit growing districts. The "U-Pick-Em" plan brings the market to your door and is becoming very popular.

Minnesota Raspberries and Currants are famous throughout the nation.

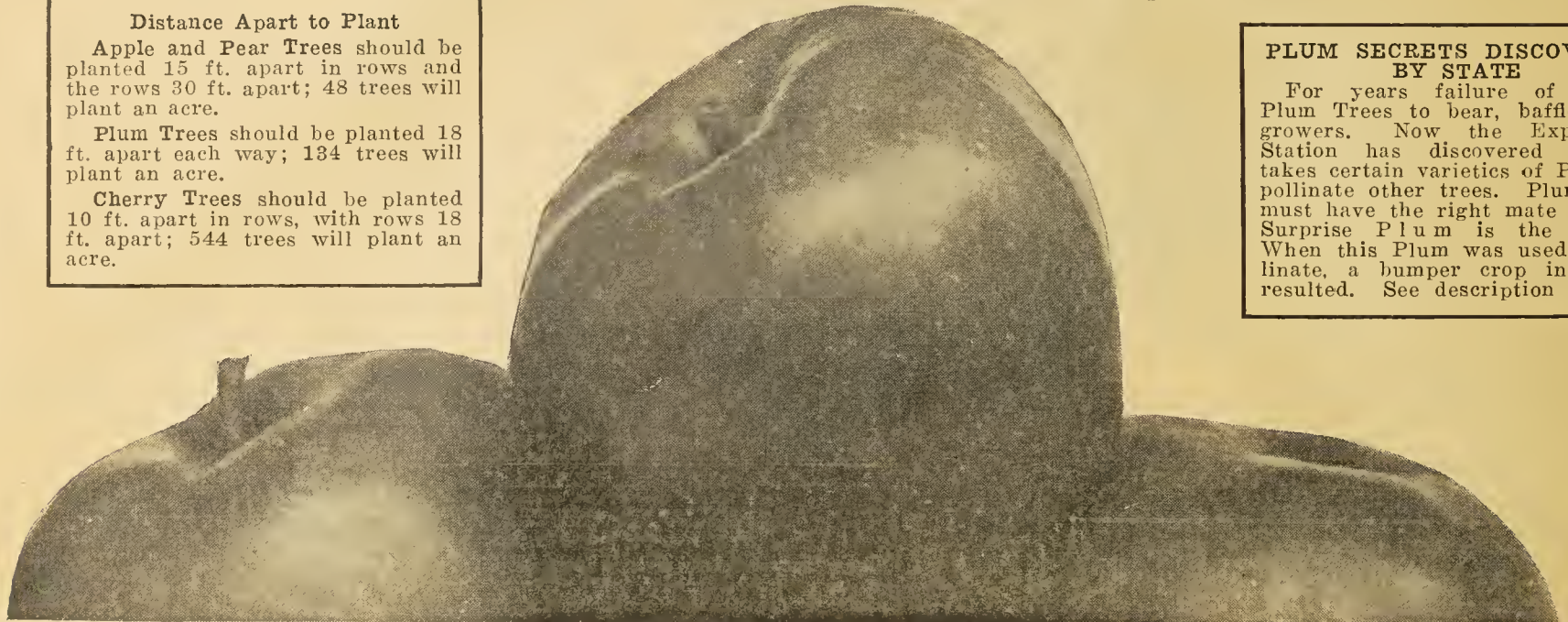
An awakening is in the making—will you be among those to profit?

## Distance Apart to Plant

Apple and Pear Trees should be planted 15 ft. apart in rows and the rows 30 ft. apart; 48 trees will plant an acre.

Plum Trees should be planted 18 ft. apart each way; 134 trees will plant an acre.

Cherry Trees should be planted 10 ft. apart in rows, with rows 18 ft. apart; 544 trees will plant an acre.



The Big Red Haralson.

## —THE BEST IN APPLES—

See Color Illustrations, Pages 38-39

### THE BIG RED HARALSON APPLE—

The prize origination of the Minnesota Experiment Station. No finer red winter apple has ever been introduced. The outstanding feature of the Haralson is its keeping quality—keeping in perfect condition until late spring. The Haralson is free from blight and best of all, has the tendency to bear early. Haralson orchards, therefore, come into bearing much more quickly than most other varieties. Haralson produces a good size, deep red apple of excellent flavor. Prices: See below.

### ANOKA—THE SURPRISE APPLE—

Fruit, the second season—wouldn't that surprise you? A real quality apple, early to ripen, of fine color and excellent flavor. This sturdy little tree bears the second year, and each year thereafter, resisting blight and producing a consistent crop of fruit. It is well suited for the Northwest. A one-year-old tree at the Fargo Agricultural Experiment Station bore 26 good apples the second year. Prices: See below.

**McINTOSH RED**—This variety has come into rapid favor as one of the most important fall and early winter varieties. Large orchards are being set out with McIntosh Red predominating. An exceptionally fine eating apple, of good size, bright red color, and a delicious aromatic flavor. Season, January. Prices below.

**NORTHWESTERN GREENING**—The fruit is very large, smooth, handsome, turning yellow as it matures. This is one of the best baking and cooking apples for late winter and spring. Season December to March. Prices: below.

**WEALTHY**—The leading apple for its season throughout the Northwest. The fruit is large, a beautiful shade of deep red, and the flavor excellent. It is one of the best eating apples that can be grown in the Northwest and ranks with Haralson in quality and commercial value. A good keeper and heavy yielder. Prices below.

**DOUBLE RED DUCHESS**—A new improvement. Possesses all the good qualities of the Old Duchess including the early ripening, hardiness, and heavy regular bearing. In addition, it has **HIGH RED COLOR**. This outstanding red color makes Double Red Duchess a favorite on the market, and brings 50c to \$1.00 a basket more. Prices: See below.

**DOLGO—THE LAWN TREE CRAB**—The aristocrat of the Crab Apple family. It has rare beauty as an ornamental lawn tree. It is not subject to blight as were the old varieties and is perfectly hardy. Bears an abundance of fruit and no long wait, for young baby trees have been known to bear fruit the third season. The apple itself is a very rich red and jells perfectly even when dead ripe. A fine canning crab. Prices below.

**WHITNEY CRAB**—This well-known favorite hardly needs description. A favorite in the home for canning and preserving. Boys like it because it is so good to eat off the trees. Fruit is of good size—very highly colored—free bearer, producing immense crops. Prices: See below.

**YELLOW TRANSPARENT APPLE** ➔

## PLUM SECRETS DISCOVERED BY STATE

For years failure of certain Plum Trees to bear, baffled fruit growers. Now the Experiment Station has discovered that it takes certain varieties of Plums to pollinate other trees. Plum Trees must have the right mate and the Surprise Plum is the answer. When this Plum was used to pollinate, a bumper crop invariably resulted. See description below.

## —NEW PLUMS—

See Color Illustrations, Pages 38-39

### SUPERIOR PLUM (MINNESOTA 194)

A wonderful new hardy Plum originated at the State Fruit Breeding Farm by crossing big California Burbank varieties. After testing it in various sections, it was christened "Superior" by the State Horticultural Society. It is as large as California Plums, surpassing them in quality and hardiness. It has firm flesh, a beautiful red color and peels like a peach. Prices below.

**KAGA**—An outstanding canning plum, originated by Prof. Hansen of the S. D. Agricultural College. Has a distinct delicious flavor, and is sometimes called the apricot plum. For canning or jam it is unsurpassed, though smaller in size than Underwood and Superior. It is also indispensable as a pollinator. Prices below.

**UNDERWOOD**—The best known of the many Plums originated at the Minnesota Fruit Breeding Farm. Bears annually, is of large size and excellent flavor; flesh firm, small pit. It may be readily peeled for canning. Underwood and Surprise should be planted close together to insure setting of fruit. Prices below.

**SURPRISE**—Ideal for pollinating other varieties; tasty, sweet, juicy fruit. Prices below.

**YELLOW TRANSPARENT APPLE**—No orchard should be without these delicious golden yellow apples. Good to eat long before other sorts are ready. Fruit large, yellow with crisp meat and delicious flavor. Prices below.

## PRICES HARDY NORTHERN APPLE AND PLUM TREES

| APPLE TREES    | Size    | Each   | 3      | 10      | APPLE TREES      | Size    | Each   | 3      | 10     | PLUM TREES        | Size             | Each   | 3      | 10      |
|----------------|---------|--------|--------|---------|------------------|---------|--------|--------|--------|-------------------|------------------|--------|--------|---------|
| Anoka          | 2-3 ft. | \$0.60 | \$1.70 | \$ 5.45 | N. W. Greening   | 4-5 ft. | \$0.75 | \$2.10 | \$6.65 | Kaga (Pollenizer) |                  |        |        |         |
| Anoka          | 3-4 ft. | .75    | 2.10   | 6.65    | Wealthy          | 2-3 ft. | .55    | 1.50   | 4.85   | Kaga (Pollenizer) | Standard 3-4 ft. | \$0.95 | \$2.65 | \$ 8.45 |
| Anoka          | 4-5 ft. | .95    | 2.65   | 8.45    | Wealthy          | 3-4 ft. | .65    | 1.80   | 5.45   |                   | Standard 4-5 ft. | 1.10   | 3.15   | 9.95    |
| Anoka          | 5-6 ft. | 1.20   | 3.35   | 10.95   | Wealthy          | 4-5 ft. | .75    | 2.10   | 6.65   | Kaga (Standard)   | 5-6 ft.          | 1.25   | 3.45   | 11.35   |
| Red Duchess    | 3-4 ft. | .65    | 1.80   | 5.45    | Wealthy          | 5-6 ft. | .95    | 2.65   | 8.45   | Superior          | 3-4 ft.          | .95    | 2.65   | 8.45    |
| Red Duchess    | 4-5 ft. | .75    | 2.10   | 6.65    | Yel. Transparent | 3-4 ft. | .75    | 2.10   |        | Superior          | 4-5 ft.          | 1.10   | 3.15   | 9.95    |
| Red Duchess    | 5-6 ft. | .95    | 2.65   | 8.45    | Yel. Transparent | 4-5 ft. | 1.00   | 2.85   |        | Superior          | 5-6 ft.          | 1.25   | 3.45   | 11.35   |
| Haralson       | 2-3 ft. | .55    | 1.50   | 4.85    | Dolgo            | 2-3 ft. | .60    | 1.70   | 5.45   | Surprise          |                  |        |        |         |
| Haralson       | 3-4 ft. | .65    | 1.80   | 5.45    | Dolgo            | 3-4 ft. | .75    | 2.10   | 6.65   | (Pollenizer)      | 3-4 ft.          | 1.00   | 2.85   | 9.45    |
| Haralson       | 4-5 ft. | .75    | 2.10   | 6.65    | Dolgo            | 4-5 ft. | .95    | 2.65   | 8.45   | Surprise          |                  |        |        |         |
| Haralson       | 5-6 ft. | .95    | 2.65   | 8.45    | Whitney          | 3-4 ft. | .60    | 1.70   | 5.45   | (Pollenizer)      | 4-5 ft.          | 1.15   | 3.35   | 10.95   |
| McIntosh       | 3-4 ft. | .75    | 2.10   | 6.65    | Whitney          | 4-5 ft. | .75    | 2.10   | 6.65   | Surprise          |                  |        |        |         |
| McIntosh       | 4-5 ft. | 1.00   | 2.85   | 8.85    | Whitney          | 5-6 ft. | .95    | 2.65   | 8.45   | (Pollenizer)      | 5-6 ft.          | 1.30   | 3.75   | 12.45   |
| N. W. Greening | 3-4 ft. | .65    | 1.80   | 5.45    |                  |         |        |        |        | Underwood         | 3-4 ft.          | .60    | 1.70   | 5.50    |
|                |         |        |        |         |                  |         |        |        |        | Underwood         | 4-5 ft.          | .80    | 2.25   | 7.35    |
|                |         |        |        |         |                  |         |        |        |        | Underwood         | 5-6 ft.          | 1.00   | 2.85   | 9.35    |



# Hardy Cherries and Cherry Plums

These hardy fruits are money-makers. Many are selling them "on the tree."

The trees can be set 10 ft. apart—they begin fruiting the second year. Plant several varieties for best results.

**SAPA-CHERRY PLUM**—Originated by Prof. Hansen of the South Dakota College. Is as hardy as the native wild Plum and has a delicious flavor and quality. If grown in bush form, nearly twice as much fruit may be had. This variety bears heavily the second year. Plums turn to deep glossy purple, almost black. The flesh is deliciously sweet and juicy, with very tender skin. It makes wonderful jelly. Plums hang on trees three weeks. Prices: 2 to 3 foot trees, 55c each, 3 trees for \$1.55, 10 trees for \$5.10. 3 to 4 foot trees, 60c each, 3 trees for \$1.70, 10 trees for \$5.45. 4 to 5 foot trees 80c each, 3 trees for \$2.35, 10 trees for \$7.35. 5 to 6 foot trees, \$1.00 each, 3 trees for \$2.90, 10 trees for \$9.45.

See Free Premium Offer for Early Nursery Orders on Page 28.

**OKA CHERRY**—A Hansen Sand Cherry hybrid of bushy habit. Bears fruit the first year. Rounder than Sapa, with black-red flesh and remains on the tree longer than most other varieties. Thrives anywhere. Prices: 2 to 3 foot trees, 75c each, 3 trees for \$2.10, 10 trees for \$6.45. 3 to 4 foot trees, 85c each, 3 trees for \$2.45, 10 trees for \$7.65. 4 to 5 foot trees, \$1.25 each, 3 trees for \$3.55, 10 trees for \$11.55.

**COMPASS CHERRY**—Hardy all through the Northwest and Canada. Makes delicious pies, preserves, etc. Small black cherries, thin skin—sweet and fragrant. Blooms with Zumbra and Nicollet. Prices: 2 to 3 foot trees, 85c each, 3 trees for \$2.45, 10 trees for \$7.65. 3 to 4 foot trees, \$1.10 each, 3 trees for \$3.15, 10 trees for \$9.95. 4 to 5 foot trees, \$1.25 each, 3 trees for \$3.65, 10 trees for \$11.95.



Attractive Group Planting of Pyramidal Arbor Vitae, Colorado Blue Spruce, Mugho Pine and Juniper.

**SPRUCE, COLORADO BLUE** (*Picea pungens*). A tree developing unusual form—a broad pyramid thickly studded with branches clear to the ground, covered with heavy lustrous foliage of varying tones—sometimes deep green, again touched with silver, while others have a decided blue tinge. A magnificent evergreen, hardy, vigorous and so richly colored that it makes a striking display planted singly or in groups.

We cannot guarantee the exact color, but many of them will develop into very fine blue specimens if given time and good care. These trees were all grown from seed gathered from select Blue Shiners, but do not show blue to any extent until they become 18 to 24 inches high. Well rooted, three times transplanted. Prices: 18 to 24 inches, \$1.50 each, 2 trees for \$2.90. 2 to 3 feet, \$2.00 each, 2 trees for \$3.75. 3 to 4 feet, \$3.00, 2 trees for \$5.75.

**SPRUCE, COLORADO BLUE SHINERS** (*Picea pungens glauca*). The "Extra Blue" trees—trees of magnificent form, as their thick branches climb in even layers from a broad base to a tapering crown, with heavy, lustrous foliage reflecting the most glorious silver and blue tones. Small wonder that this evergreen gets more admiration than any other—that deep in the heart of everyone is the longing to some day own a real Blue Spruce. Well rooted, heavy specimens, three times transplanted. These Shiners are all shipped with ball of earth burlapped on roots. Price: 18 to 24 inches, \$4.00 each, 2 trees for \$7.00. 2 to 2½ feet, \$5.00 each, 2 trees for \$9.00. 2½ to 3 feet, \$7.00 each, 2 trees for \$13.00. 3 to 4 feet, \$9.00 each, 2 trees for \$17.00.

**DWARF MUGHO PINE**—A very hardy, dwarf, bushy and compact tree. Easily controlled by trimming. Will thrive in most any location. Requires but little space and is especially desirable for landscape planting and foreground position. Dark, rich green foliage with long, stiff needles. Twice transplanted. Price: 10 to 12 inches, 60c each, 2 trees for \$1.10. 12 to 15 inches, 75c each, 2 trees for \$1.35. 15 to 18 inches, \$1.00 each, 2 trees for \$1.85.

## CHOICE SPECIMEN EVERGREENS

Modern plantings nearly all include Evergreens. A group of fine Evergreens will greatly enhance the value of any property.

Plants not marked B. B. may be had with ball of earth for 50c each, additional. Prices quoted are not prepaid.

**AMERICAN ARBOR VITAE**—One of the most valuable native Evergreens that is very easy to grow. Will thrive in most any situation—is suitable for ornamental planting, hedging or windbreak. Develops a compact, graceful pyramid. Can be easily controlled by trimming. Price: Specimen stock, three times transplanted, 18 to 24 inches, 75c each, 2 trees for \$1.35. 2 to 3 feet, heavy trimmed specimens, 95c each, 2 trees for \$1.75.

**PYRAMIDAL ARBOR VITAE**—The outstanding dwarf ornamental Evergreen for home planting. Can be used close to the house or walk. Most effective in groups or pairs when used for ornamental planting. Grows compact and is of natural pyramidal form. Three times transplanted trees. Price: 18 to 24 inches, \$1.35 each, 2 trees for \$2.45. 24 to 30 inches, \$1.50 each, 2 trees for \$2.85. 30 to 36 inches, \$1.75 each, 2 trees for \$3.35.

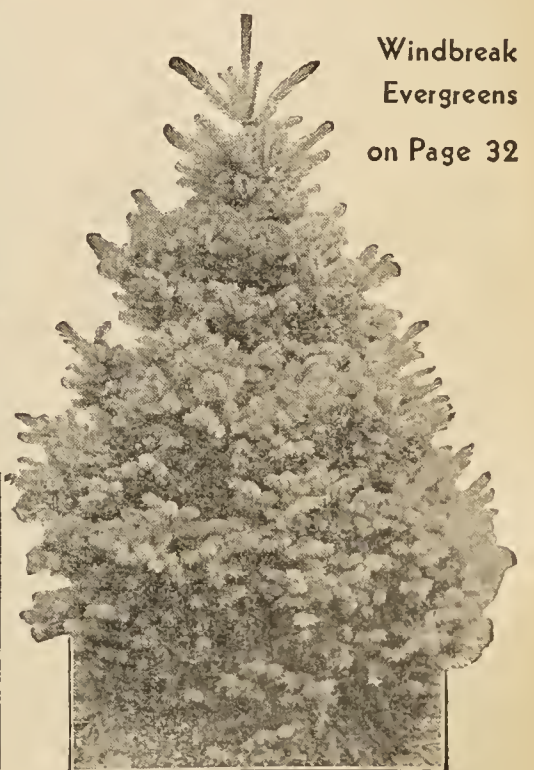
**JUNIPER PFITZERIANA**—A highly ornamental Dwarf Evergreen, popular and hardy. Excellent for rock gardens. Immune from plant pests of all kinds. Assumes attractive, low, broad, irregular form, and can be sheared to any size or shape. Suitable for foundation planting and low dense mass effects. Price: 12 to 18 inches, three times transplanted, \$1.50 each, 2 trees for \$2.85. 18 to 24 inches, \$1.75 each, 2 trees for \$3.35.

**JUNIPER VIRGINIANA**—A finely formed broad tapering pyramid. Thick, feathery foliage of deep green to silver color. Also known as Red Cedar as it shows a bronze tint in early spring. Will stand close pruning to form a formal column. Excellent for group or background planting. Very hardy and withstands heat and drought. Price: 24 to 30 inches, \$1.50 each, 2 trees for \$2.85. 30 to 36 inches, \$2.00 each, 2 trees for \$3.85.

### BLACK HILLS SPRUCE

—The living Christmas Tree. Extensively used for landscape planting, also for windbreak. Belongs to the White Spruce family; grows very bushy, compact and symmetrical. Has unusually thick foliage, and is easy to grow. Choice specimen trees with a well-developed root system, twice transplanted. Price: 18 to 24 inches, \$1.50 each, 2 trees for \$2.75. 2 to 3 feet, \$2.00 each, 2 trees for \$3.75. 3 to 4 feet, \$3.00 each, 2 trees for \$5.65.

Personally selected Evergreens in the field—at somewhat higher prices, and will be quoted when selected.



Black Hills Spruce.

Windbreak  
Evergreens  
on Page 32

## EVERGREEN COLLECTIONS

ONE  
DOLLAR  
BARGAINS  
Prepaid

|                                                    |        |
|----------------------------------------------------|--------|
| A—15' Douglas Fir Seedlings, 6-8 in.....           | \$1.00 |
| B—15' Norway Spruce Seedlings, 8-12 in.....        | 1.00   |
| C—8' Colorado Blue Spruce Seedlings, 6-8 in.....   | 1.00   |
| D—15' Black Hills Spruce Seedlings, 6-8 in.....    | 1.00   |
| E—4' Colorado Blue Spruce Transplants, 8-12 in.... | 1.00   |
| F—5' Douglas Fir Transplants, 8-12 in.....         | 1.00   |
| G—6' Black Hills Spruce Transplants, 10-12 in....  | 1.00   |
| H—6' Colorado Blue Spruce Transplants, 6-8 in....  | 1.00   |

Personal Nursery Selections at Somewhat Higher Prices.

### POSTAGE ON EVERGREENS

Not Balled and Burlapped.  
12 to 18 inches—  
For one 17c, for two 25c.  
18 to 24 inches—  
For one 23c, for two 37c.



# HARDY SHADE AND ORNAMENTAL TREES

## AT DIRECT FROM GROWER PRICES

**ASH, EUROPEAN MOUNTAIN**—Very fine for lawn planting and exceptionally showy with its large clusters of bright orange berries in Autumn. Beautiful dark green foliage, well shaped and very ornamental.

**BIRCH, WEeping CUT LEAF**—Beautiful cut leaf, drooping foliage. A fast grower and very showy with its white bark.

**BIRCH, WHITE**—A graceful tree with white bark—very desirable as a lawn tree.

**BUTTERNUT, OR WHITE WALNUT**—A graceful, spreading tree that is valued for its tropical appearance and beautiful wood, as well as for its nuts. Perfectly hardy in the Northwest.

**CRAB, HOPA AND DOLGO**—Two outstanding ornamental trees producing fire red fruit, especially valuable for jells. The foliage is beautiful and red in the early stages. Flowers appear in immense clusters covering the entire trees—very fragrant.

**CRAB, RED SILVER FLOWERING**—A flowering lawn tree. Produces profuse red blooms, followed by maroon red fruit which hangs on late into the winter.

**ELM, AMERICAN**—The most popular of hardy native trees. Grows very tall, graceful and spreading, with drooping foliage. Always a favorite shade tree. Transplanted trees.

**ELM, CHINESE SIBERIAN**—The fastest growing, most satisfactory shade, ornamental or windbreak tree. It is very hardy and its resistance to drought, alkali and extremes of temperature render it especially valuable. The Chinese Elm is adapted to any part of the United States, and will grow to a height of 60 feet, attaining a girth of 12 feet. Luxurious shade may be enjoyed in just a few years and some specimens have reached a height of 23 to 25 feet in four years, with a spread of 18 feet. (See illustration, page 28.)

**LINDEN, AMERICAN (BASSWOOD)**—Valuable tree for street or lawn planting—a rapid grower and perfectly hardy. Grows in pyramidal form, has large leaves and fragrant flowers.

**MAPLE, HARD OR SUGAR**—The King of Maples—straight, spreading, symmetrical in form. A fast grower—attaining immense size—frequently 100 ft. tall. Beautiful foliage, especially in autumn when leaves turn to clear yellow and scarlet.

**MAPLE, SILVER**—Because of its quick growth and good foliage, this tree is in big demand. The leaves appear early in spring, are bright green in color with the lower side silvery. Good for quick effect.

**POPLAR, LOMBARDY**—Very picturesque, tall growing tree. Used extensively for landscape effect, also in screen planting. Rapid grower.

**WALNUT, BLACK**—A sturdy, long-lived, dependable shade tree that combines beauty with usefulness. The nuts from these trees are highly prized, especially for cakes and candies. A group of our Native Black Walnut Trees should be on every farm.

**WILLOW, GOLDEN WEEPING**—(Niobe.) A golden-barked tree with graceful, drooping branches. The hardiest and most beautiful of all weeping trees.

### PRICES—SHADE AND ORNAMENTAL TREES

|                                    | Size               | Each   | 4 Trees | 10 Trees   | 100 Trees |
|------------------------------------|--------------------|--------|---------|------------|-----------|
| Ash, European Mountain, standard.  | 5-6 ft.            | \$1.75 | \$6.70  |            |           |
|                                    | standard. 6-8 ft.  | 2.50   | 9.50    |            |           |
| Birch, Weeping Cut Leaf, standard. | 5-6 ft.            | 2.50   | 9.85    |            |           |
|                                    | standard. 6-8 ft.  | 2.95   | 11.90   |            |           |
| Birch, White . . . . .             | standard. 5-6 ft.  | .60    | 2.25    |            |           |
|                                    | standard. 6-8 ft.  | .95    | 3.50    |            |           |
| Butternut . . . . .                | standard. 5-6 ft.  | .75    | 2.85    |            |           |
|                                    | standard. 6-8 ft.  | .90    | 3.40    |            |           |
| Crab, Hopa and Dolgo..             | standard. 5-6 ft.  | 1.50   |         |            |           |
|                                    | standard. 6-8 ft.  | 2.50   |         |            |           |
| Crab, Red Silver. . . . .          | standard. 5-6 ft.  | 1.50   |         |            |           |
|                                    | standard. 6-8 ft.  | 2.50   |         |            |           |
| Elm, American. . . . .             | standard. 6-8 ft.  | .75    | 2.85    |            |           |
|                                    | standard. 8-10 ft. | 1.00   | 3.85    |            |           |
| Elm, Chinese . . . . .             | standard. 3-4 ft.  | .25    | .95     | \$2.25     | \$20.00   |
|                                    | heavy. 3-4 ft.     | .30    | 1.10    | 2.60       | 25.00     |
|                                    | standard. 4-5 ft.  | .45    | 1.65    | 3.95       | 38.85     |
|                                    | heavy. 4-5 ft.     | .50    | 1.85    | 4.45       | 43.85     |
|                                    | heavy. 4 1/2-6 ft. | .60    | 2.20    | 5.25       | 49.85     |
|                                    | standard. 5-6 ft.  | .75    | 2.85    | 6.85       |           |
|                                    | heavy. 5-6 ft.     | .85    | 3.25    | 7.85       |           |
|                                    | standard. 6-8 ft.  | 1.35   | 5.25    | 11.85      |           |
|                                    | heavy. 6-8 ft.     | 1.50   | 5.85    | 12.85      |           |
|                                    | standard. 8-10 ft. | 1.75   | 6.85    | 16.85      |           |
|                                    | heavy. 8-10 ft.    | 2.00   | 7.85    |            |           |
| Linden, American. . . . .          | standard. 6-8 ft.  | .95    | 3.65    |            |           |
| (Basswood) . . . . .               | standard. 8-10 ft. | 1.75   | 6.45    |            |           |
| Maple, Hard . . . . .              | standard. 4-5 ft.  | .60    | 2.00    | 4.50       |           |
|                                    | standard. 5-6 ft.  | 1.25   | 4.45    | 10.85      |           |
| Maple, Soft (silver). . . . .      | standard. 6-8 ft.  | .75    | 2.90    |            |           |
| Poplar, Lombardy. . . . .          | standard. 5-6 ft.  | .50    | 1.85    |            |           |
|                                    | standard. 6-8 ft.  | .65    | 2.45    |            |           |
| Walnut, Black . . . . .            | 2-3 ft.            | .25    | .85     | All prices |           |
| Willow, Golden Weeping,            | standard. 3-4 ft.  | .75    | 2.50    | F. O. B.   |           |
|                                    | standard. 4-5 ft.  | .95    | 3.35    | Faribault  |           |
|                                    | standard. 5-6 ft.  | 1.50   | 5.45    |            |           |



Double Row Chinese Elm Windbreak, 2 Years After Planting.

### HARDY WINDBREAK TREES

The recent drought years have taught important lessons with reference to the planting of windbreak trees.

Green Ash ranks at the head of the list, in its ability to survive in regions of scanty rainfall. Chinese Elm has also demonstrated that it is an outstanding tree in sections too dry for most other trees, and on account of its habit of branching close to the ground it is a good tree for the outer rows of a shelter belt.

Caragana may be used also but does not attain the height of the Chinese Elm, while Russian Olive may be used in upland locations. It is recommended that Ash and Chinese Elm be alternated either in the row, or that the alternate rows of each be used.

For a low spot, too wet for other trees to thrive, the Laurel Leaf Willow is best suited.

We offer the hardiest recommended varieties for planting in the Northwest, and advise planting two to five or even six rows for real effectiveness. Rows to be 10-12 ft. apart, and the trees 4-5 ft. apart in the rows.

### PRICES—HARDY WINDBREAK TREES

|                                     | Size      | 10     | 50     | 100    | 500    | 1000    |
|-------------------------------------|-----------|--------|--------|--------|--------|---------|
| Ash, Green (Seedlings) . . . . .    | 6-12 in.  |        |        | \$1.20 | \$5.50 | \$10.00 |
|                                     | 12-18 in. |        |        | 2.25   | 11.00  | 20.00   |
|                                     | 18-24 in. |        |        | 3.50   | 15.75  | 25.00   |
| Caragana . . . . .                  | 6-12 in.  | \$1.50 | 2.65   | 12.20  | 20.00  |         |
|                                     | 12-18 in. | 2.00   | 3.85   | 18.35  | 32.25  |         |
| Elm, American (Seedlings) . . . . . | 6-12 in.  |        |        | 1.20   | 5.50   | 10.00   |
|                                     | 12-18 in. |        |        | 2.25   | 11.00  | 20.00   |
| Elm, Chinese (Seedlings)            |           |        |        |        |        |         |
| standard. 6-12 in.                  |           |        |        | 1.45   | 6.45   | 11.00   |
| Extra heavy branched. 6-12 in.      |           |        |        | 1.90   | 8.45   | 15.85   |
| standard. 12-18 in.                 |           |        |        | 2.00   | 8.95   | 16.00   |
| Extra heavy branched. 12-18 in.     |           |        |        | 2.60   | 11.85  | 21.65   |
| standard. 18-24 in.                 |           | \$0.60 | \$1.95 | 2.70   | 12.45  | 22.50   |
| Extra heavy branched. 18-24 in.     |           | .75    | 2.45   | 3.60   | 15.85  | 29.35   |
| Russian Olive . . . . .             | 6-12 in.  |        | 2.00   | 4.85   | 14.50  | 28.00   |
|                                     | 12-18 in. |        | 3.50   | 5.85   |        |         |
| Willow, Laurel Leaf. . . . .        | 18-24 in. |        | 3.75   | 7.00   |        |         |
|                                     | 2-3 ft.   |        | 5.35   | 10.00  |        |         |

### EVERGREEN WINDBREAK TREES

| All transplanted trees, except as noted.   | 10     | 25     | 50      | 100     |
|--------------------------------------------|--------|--------|---------|---------|
| Arbor Vitae, American                      |        |        |         |         |
| (Transplants) . 18-24 in.                  | \$3.50 | \$8.25 | \$15.65 | \$30.00 |
| (Transplants) . 2-3 ft.                    | 4.50   | 10.65  | 20.65   | 38.85   |
| Spruce, Black Hills (Seedlings) . 6-8 in.  |        | 1.75   | 3.35    | 5.85    |
| (Transplants) . 10-12 in.                  | 2.45   | 5.45   | 9.85    | 18.00   |
| (Transplants) . 12-14 in.                  | 3.45   | 7.25   | 12.35   | 22.45   |
| Spruce, Colo. Blue (Transplants) . 6-8 in. | 1.50   | 3.50   | 6.45    | 12.00   |
| (Transplants) . 8-12 in.                   | 2.50   | 5.65   | 9.95    | 18.00   |
| (Transplants) . 12-18 in.                  | 3.50   | 7.95   | 14.20   | 25.00   |
| (Transplants) . 18-22 in.                  | 4.50   | 9.85   | 18.65   | 35.00   |
| Spruce, Norway (Seedlings) . . . 8-12 in.  |        | 1.65   | 2.95    | 5.25    |

**POSTAGE REQUIRED FOR CHINESE ELM SHIPMENTS**  
 By Parcel Post—Larger Size Trees by Express or Freight  
 Size 6-12 in.—for 10 trees add 10c postage, for 50 trees add 15c, for 100 trees add 20c.  
 Size 18-24 in.—for 10 trees add 12c, for 50 trees add 20c, for 100 trees add 35c for postage.





# HARDY CLIMBING VINES

## FOR SHADE AND BEAUTY



**C** LIMBING Vines add an indescribable charm wherever they are used. They transform fences into walls of green, adorn trellises and cover unsightly chimneys and walls with beauty. We list varieties suitable for all of the uses mentioned.

**NOTE**—If vines are wanted by parcel post, add 10c for one, 12c for three, 20c for five.

**BITTERSWEET.** A native climber with handsome glossy foliage and large clusters of beautiful orange-crimson berries which make a charming decoration for the home in winter. Grow Bittersweet in your own back yard. Price: 2-yr. field-grown vines 45c each, 3 vines \$1.25.

**ENGELMAN'S IVY** (Ampelopsis). Belongs to the Woodbine family and is most popular in the Northwest for climbing on stone, brick or stucco. Produces very thick foliage which turns to a brilliant red color in the fall. Its numerous tendrils cause it to cling to any structure. Is perfectly hardy and will withstand drought and heat. Very fast grower. Price: 2-yr. vines 25c each, 5 vines \$1.00.



Engelman's Ivy.

**CHINESE MATRIMONY VINE** (Lycium Chinese). Well-known, hardy fast-growing vine; handsome when covered with scarlet fruit in autumn. Commonly used as a trailer and for a ground cover under trees and on terraces or any kind of steep slopes to hold the soil in place. Price: 2-yr. vines 30c each, 4 vines \$1.00.

**CLEMATIS JACKMANI.** The most beautiful and showy Clematis with deep velvety purple flowers. A profuse bloomer—strong, hardy plant and a rapid grower. Should be pruned early in spring. Price: 2-yr. vines 80c each, 2 vines for \$1.50.

**CLEMATIS PANICULATA.** Small white flowering, very sweet scented plants, originally from Japan. A rapid grower and vigorous climber. This is the most satisfactory variety of Clematis on account of its hardiness. Price: 2-yr. vines 45c each, 3 vines \$1.25.

**CLIMBING ROSES**—See page 34.

**GRAPE VINES**—See page 29.

**SCARLET TRUMPET HONEYSUCKLE.** A very satisfactory climbing plant with odd-shaped foliage, producing bright red trumpet-shaped flowers almost continuously. Very fragrant. Will thrive anywhere. Splendid for covering porches or trellis where it will reach a height of 15 feet. Price: 2-yr. vines, 50c each, 2 vines for 90c.

**PRICES PERENNIAL PLANTS**  
Except as noted  
30c each, 3 for 75c,  
6 for \$1.35, 12 for \$2.50  
Postage Extra

# HARDY PERENNIAL PLANTS

## COLORFUL IRIS

**Y**OUR garden is not complete without this beautiful flower. It is easy to establish, and blooms delightfully year after year.

**Note:** In descriptions "S" refers to standards or upright petals; "F" refers to falls or lower petals.

**AMBASSADEUR.** S., reddish violet; F., velvety purple maroon.  
**BUTO.** Deep royal purple. Gigantic flower. Each 30c.  
**FLAMMENSCHWERT.** S., empire yellow; F., velvety brown.  
**IDEAL.** A beautiful royal blue. Awarded Certificate of Merit.  
**PIONEER MOTHER.** Gleaming white with orange beard. Each 30c.  
**PRAIRIE GOLD.** Pure golden yellow.  
**PRINCESS BEATRICE.** An entrancing shade of soft lavender.  
**PROSPER LAUGIER.** S., light bronze-red; F., ruby-purple.  
**ROSA BONHEUR.** S., soft old gold; F., mauve, edged gold.  
**SEMINOLE.** General effect wine-red. Beautifully frilled.  
**TRUE CHARM.** White, with blue feathered edge. Fragrant.

For prices see box above.

**SIBERIAN IRIS.** 3-3½ ft. Blooms in June. Rich violet-blue flowers on graceful stems. Particularly good for cutting. Foliage narrow and grass-like. Very attractive for garden display. Each 25c, 6 for \$1.25.

**NOTE**—If plants are wanted by parcel post, add 12c for 3 plants; 15c for 6; 25c for 12. We cannot accept plant orders under 60c.

**PRICES COLORFUL IRIS**  
Except as noted  
20c each, 6 for \$1.00  
12 for \$1.75  
Postage Extra

★**ALPINE ROCK CRESS.** Pure white flowers produced in dense masses. A splendid edging for beds and borders and excellent for rockery and dry wall.

**BABY'S BREATH** (Gypsophila). Misty sprays of tiny white flowers in early summer. Charming in bouquets combined with other flowers.

**BLEEDING HEART, Spectabilis.** An old favorite, with long racemes of graceful heart-shaped flowers. Each 50c, 3 for \$1.25.

**BLEEDING HEART, Eximia.** A dwarf-growing sort, with beautiful, finely cut foliage and showy racemes of pretty pink flowers. Each 40c, 3 for \$1.15.

★**BLUE BELLS OF SCOTLAND** (Campanula Rotundifolia). Clear blue flowers. Prefers light shade. Height 1 ft. Blooms all summer.

**CANTERBURY BELLS.** Biennials. Plants are pyramidal in growth, covered with spikes of erect, bell-shaped blue flowers. Height 2-3 ft. July.

★**CARPATHIAN HAREBELL.** The flowers are shallow cups of clear blue, held erect on wiry stems. Height 1 ft. Blooms all summer.

**CHINESE LANTERN PLANT.** Bears brilliant orange colored seed pods or "lanterns" in September, which may be cut and dried for winter bouquets.

★**COLUMBINE** (Aquilegia). Ideal plants for partial shade. The graceful, long-spurred flowers are borne in early summer. Mixed colors.

★**CORAL BELLS.** Low-growing, tufted plants which bear a profusion of dainty coral-red flowers on long, slender stems. Bloom all summer.

**DELPHINIUM, Belladonna.** Height 4 ft. Spikes of lovely rich blue flowers in June and July.

★**FORGET-ME-NOT** (Myosotis). Dainty blue flowers produced freely throughout the spring and summer.



**W**ELL arranged flower borders provide cheerful color and an abundance of flowers for cutting from spring to frost.

Plants marked with a star (★) are suitable also for Rock Gardens.

**GAILLARDIA, Burgundy.** Shining wine-red flowers on long, stiff stems. Bloom all summer.

★**HEN AND CHICKENS** (Sempervivum). Small rosettes of gray-green leaves are produced in great abundance. Should be in every rock garden.

**HIBISCUS** (Mallow Marvels). 4 ft. Tall, shrub-like plants bearing large, showy flowers throughout the summer. Colors, crimson, pink and white.

**HOLLYHOCKS.** Tall stately perennials, growing from 3 to 6 feet high. Has giant flower spikes in all colors.

★**MOSS PINKS.** (Phlox Subulata). Pretty moss-like evergreen foliage hidden in April and May under a mass of bloom. May be used for carpeting the ground or for covering graves.

**PHLOX, HARDY.** Beautiful hardy border plants, with clusters of crimson, pink and white flowers in July and August. 2 to 3 feet high.

**PYRETHRUM, Painted Daisy.** Plants grow in neat compact tufts and produce an abundance of showy flowers in all shades of pink and crimson. Bloom in June.

★**SEDUM, Stonecrop.** Dwarf creeping plants for the rock garden. A variety of foliage and bloom, pink, yellow and white. Each 20c, 6 for 85c.

★**SEDUM, Spectabile Brilliant.** Broad light green foliage and immense heads of bright amaranth-red flowers in late summer.

**SHASTA DAISY.** Large glistening white flowers in June and July. Free flowering and invaluable for cutting.

**SWEET WILLIAM** (Dianthus barbatus). Blooms in June and July. Mixed colors, ranging from deep crimson to white. Plant in masses.

★**STATICE LATIFOLIA.** Great Sea Lavender. Height 18-24 inches. Leathery, dark green leaves spring directly from the root stock. The minute, purplish-blue flowers are borne in much-branched panicles on long twiggy stems in July and August.





# ROSES

for Fragrance and Beauty

WE offer a select assortment of the Better Roses for outdoor planting. Vigorous and free flowering, they have stood the test of time and have proven worthy under many different climatic conditions.

## SPECIAL ROSE VARIETIES

**FRAU KARL DRUSCHKI.** This is the ideal hardy white Rose; pure in color, perfect in form, strong grower and remarkably free flowering; superb in every way.

**GRUSS AN TEPLITZ.** Succeeds under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant, a free, strong grower and in bloom all summer.

**HARRISON'S YELLOW.** This is the cheery yellow Rose of our grandmother's dooryard. The bushes are literally covered with sparkling, semi-double yellow blooms about the middle of May. Exceptionally hardy and vigorous.

**PINK RADIANCE.** A brilliant carmine-pink, with salmon-pink and yellow shadings at base of petals. Of vigorous heavy growth, producing its large double flowers throughout the most unfavorable hot weather when many other varieties fail.

**RED RADIANCE.** Large, globular, double flowers of a clear, brilliant red. Possesses all the good traits of Pink Radiance of which it is a sport.

**SUNBURST.** Beautiful yellow flowers, strongly suffused with orange at center. Fragrant, of perfect form; exceptionally strong grower, vigorous and hardy.

**TALISMAN.** Brilliant red and gold buds, opening to well shaped blooms of scarlet-orange and rich yellow. Constantly in bloom. The plant is strong and vigorous, with healthy, disease resistant foliage.



Pink Radiance—Healthy and vigorous with never-failing blooms, from early June to frost.

## RUGOSA ROSES

Dependable and Hardy All Through the North

**AMELIA GRAVEREAUX.** Double fragrant flowers of bright cerise-red. One of the finest Hybrid Rugosas.

**BELLE POITEVINE.** Queen of the Pinks. Clusters of double magenta-pink roses over a long season.

**F. J. GROOTENDORST.** Produces full clusters of small semi-double roses of a bright crimson; resembles the Crimson Baby Rambler. Always in bloom.

**HANSA.** Large double fragrant flowers of a rich wine-red color. Handsome dark green foliage. Of sturdy growth, with long blooming season.

**SIR THOMAS LIPTON.** Fragrant, double white blooms in clusters. Early and free flowering.

### Rose Arbor Special

6 Climbing Roses—your choice any of the varieties listed below. Postage extra 21c **\$2.05**

### PRICES OF ABOVE ROSES

Strong 2-yr. field-grown plants,  
Each 50c; 5 for \$2.25

Postage 11c for 1, 13c for 2, 19c for 5 plants

### Hardy Rose Offer

3 Your choice of any three Roses listed on this page Postage extra 15c **\$1.35**



Mary Wallace.

## CLIMBING ROSES

for the

Arbor or Trellis

**CRIMSON RAMBLER.** Large clusters of bright crimson miniature Roses in June. An old favorite.

**DOROTHY PERKINS.** Soft shell-pink, flowering profusely in large clusters. Very fragrant and lasting.

**GARDENIA.** Yellow Rambler. Early and free flowering. Very fragrant.

**MARY WALLACE.** A Pillar Rose, 6-8 ft. high. Flowers are semi-double of a bright clear rose-pink, with salmon base; often 4 in. across. Blooms profusely in spring and intermittently during the summer.

**PAUL'S SCARLET CLIMBER.** Most brilliant of all Roses. Color, a vivid scarlet; flowers semi-double, produced in clusters on much-branched canes.

**TAUSENDSCHOEN.** (Thousand Beauties.) Delicate soft pink buds deepening to carmine as they open. Flowers are borne 10-15 in a cluster.

### PRICES OF CLIMBING ROSES

Each 40c

For Postage See Above

Insecticides for controlling aphids or lice on Roses are described on page 73.

## FRENCH HYBRID LILACS

Grown on Their Own Roots

Strong, sturdy, field-grown plants

FRENCH Lilacs bear larger flowers and bigger heavier trusses of bloom than those of the common Lilac. They are gorgeous in coloring and very free-flowering.

**CHARLES JOLY.** Double. Deep wine-red. The large trusses are held erect, well above the foliage. Price: 2-yr. plants, 45c each; 3-yr. plants, 60c, not prepaid.

**LUDWIG SPAETH.** Single. Color, dark reddish-purple, intense and brilliant. Long narrow panicles. Price: 2-yr. plants, 45c each; 3-yr. plants, 60c, not prepaid.

**MADAME LEMOINE.** Double. Pure white, without a tinge of cream. Panicles large, long, erect. Price: 2-yr. plants, 45c each; 3-yr. plants, 60c, not prepaid.

**PRESIDENT GREVY.** Double. Clear delicate light blue. Immense panicles, very symmetrical. Price: 2-yr. plants, 45c each; 3-yr. plants, 60c, not prepaid.

**VILLOSA.** Late Flowering Lilac. Grows into a large shrub, 10 feet high, with rich dark foliage, and broad panicles of a delicate pink color. Comes into bloom after other Lilacs are gone. Price: 2-yr. plants, 40c each; 3-yr. plants, 50c, not prepaid.

Allow for Postage on Lilacs: 2-yr. size, one plant, 13c, 3 plants 21c; 3-yr. size, one plant 17c, 3 plants 31c.

5 Lilacs One each of above named varieties. 2-year size (value \$2.20.) Not prepaid. **\$1.85**

"Better Gardening," a 64-page book which discloses the secrets of better gardening, the tools to use, soil preparation, fertility and cultivation, weeds, pruning, perennial borders, rock gardens, lily pools, bulbs and house plants, lawns, shrubs and trees, fruits and berries, insects and disease pests. Contains many valuable charts and illustrations. Price, 10c, prepaid.

This valuable book is given free with a \$2.00 order for Nursery Stock or Farm Seeds, if requested with order.



# Gorgeous PEONIES

THE PEONY — favorite hardy garden perennial for generations has magnificent blooms rivaling the largest chrysanthemums in size and cutting quality. Easily grown from roots, the plants are practically everlasting.

**We Offer  
Strong, Field-Grown  
Stock  
3-5 Eye Divisons**

**CULTURE**—Peonies require fertile well drained soil and a sunny position. Planted in shade they will not bloom true to color and type. Set the roots so that the eyes are 2 inches below the surface. Allow a spacing of 3 ft. between plants.



Sarah Bernhardt—Apple blossom pink.

## SUPERB PRIZE PEONY COLLECTION

- 1 Longfellow. Cherry red.
- 1 Tourangelle. Delicate pink.
- 1 Nymphaea. Ivory white.

**\$1.95**  
Ppd.

*Special  
Bargain*

**MIXED COLORS**  
Red, Pink and White.

Our selection of quality roots from the choicest standard varieties.  
**Prepaid.**

**8**  
Peonies for  
**\$2.00**



## Red Shades

**CHARLES McKELLIP** (Mid-season). Large loosely built flowers of a deep rich crimson-red. Perfect in form and one of the best dark reds. Each 65c, prepaid.

**KARL ROSENFELD** (Early Midseason). A rich, brilliant shade of pure deep red. Flowers very large, semi-rose type and slightly fragrant. Each 65c, prepaid.

**LONGFELLOW** (Early Mid-season). Bright red with cherry tones. Considered one of the best reds, as it neither fades nor turns dark. Unexcelled as a landscape variety. Each 75c, prepaid.

**OFFICINALIS RUBRA** (Extra Early). Always in bloom by the first of June. The large, brilliant red Peony so often seen in old gardens. Each 70c, prepaid.

## White Shades

**LA ROSIERE** (Midseason). Large loose flowers of creamy white, with a band of golden yellow stamens at center which light up the entire flower, giving it a yellowish cast. Fragrant. Each 60c, prepaid.

**NYMPHAEA** (Midseason). The buds of this lovely Peony are flushed pale rose as they unfold. In full bloom the color is ivory-white with a center of golden yellow stamens which reflect their color throughout the flower. Very large and double. Each 65c, prepaid.

For  
Peony  
Supports  
see page 23.

## Pink Shades

**EDULIS SUPERBA** (Early). Very large flowers of a beautiful deep rose-pink. Sometimes open for Decoration Day here in Minnesota. Each 60c, prepaid.

**GRANDIFLORA** (Late). The last Peony to bloom, Grandiflora will furnish flowers for cutting after all other varieties have gone, and for this reason it should be in every garden. The color is a soft shell-pink shading to white. Fragrant. Each 75c, prepaid.

**MARIE CROUSSE** (Late Midseason). Delicate shell-pink bordering on salmon. Distinct in color from any other pink—it attracts the eye in a field of a hundred different pinks. Flower is of beautiful form, on stiff, upright stem. Each 65c, prepaid.

**MONS JULES ELIE** (Early). An immense self-colored flesh-pink, shading deeper toward the base of the petals. One of the largest and most beautiful of all Peonies. Equally lovely in the garden or for cutting. Each 65c, prepaid.

**TOURANGELLE** (Late Midseason). Pearl-white, suffused with delicate shades of salmon and La France rose. The flowers are very large and full, with cupped centers. This peony has a high rating and is always to be found on the list of "best varieties." Each 75c, prepaid.

**SARAH BERNHARDT** (Late). A lovely apple blossom pink, with each petal silver tipped. Flowers are of the semi-rose type, very large and fragrant. Each 75c, prepaid.

# HARDY HEDGES

*A Fence You Never Have to Paint!*

## Chinese Hedgewood

This popular new hedgewood from northern China is rapid in growth and exceptionally hardy even in the most severe climate. The small clean foliage of bright green, appears early in spring and remains long after leaves on other deciduous hedges have fallen. It has the density of habit necessary to form a compact screen and is easily sheared to any height desired.

| PRICES:          | 10     | 50     | 100    |
|------------------|--------|--------|--------|
| 12-18 inch ..... | \$1.25 | \$3.15 | \$5.35 |
| 18-24 inch ..... | 1.45   | 4.65   | 8.65   |
| 2-3 ft. ....     | 1.95   | 7.65   | 14.85  |



Chinese Hedgewood—Two Years' Growth.

## American Arbor Vitae

(Twice Transplanted)

The best hedge evergreen. It will grow into a beautiful tall, informal hedge if allowed to grow without trimming, or it can be clipped and maintained at almost any size from a few inches to several feet in height. For a good dense hedge, set plants one foot apart, and for best effect plant 3-4 feet from drive or sidewalk.

| PRICES:         | 10     | 50     | 100     |
|-----------------|--------|--------|---------|
| 12-18 inch .... | \$2.00 | \$8.00 | \$15.00 |
| 18-24 inch .... | 2.50   | 10.50  | 20.00   |
| 2-3 ft. ....    | 3.50   | 15.65  | 30.00   |

## Buckthorn

A very hardy and dense tight hedge. Properly sheared will give a very formal effect. Trim at least once a year in early spring.

| PRICES:                     | 10     | 50     | 100    |
|-----------------------------|--------|--------|--------|
| 12-18 inch Seedlings.....   | \$0.75 | \$3.35 | \$5.85 |
| 18-24 inch Transplants .... | 1.45   | 6.65   | 12.85  |
| 2-3 ft. Transplants .....   | 1.65   | 7.65   | 14.85  |

## Spirea Van Houttei

A favorite for untrimmed hedges. The graceful drooping sprays are completely covered with pure white blossoms during May and June.

| PRICES (Transplants): | 10     | 50     | 100    |
|-----------------------|--------|--------|--------|
| 12-18 inch .....      | \$1.35 | \$4.40 | \$7.85 |
| 18-24 inch .....      | 1.65   | 7.65   | 12.85  |
| 2-3 ft. ....          | 2.50   | 11.15  | 20.00  |

**NOTE**—If wanted by parcel post, add 11c postage for 10 plants, 20c for 50 plants and 25c postage for 100 plants size 12-18 in., or 13c postage for 10 plants, 25c for 50 plants and 35c for 100 plants size 18-24 in.



A fine hedge of Japanese Barberry.

## Japanese Barberry

Thunbergi

Absolutely hardy. Makes a dwarf growing, uniformly bushy and compact hedge. The foliage turns to crimson and bronze in the fall, with brilliant red berries.

| PRICES (Seedlings): | 10     | 50     | 100    |
|---------------------|--------|--------|--------|
| 12-18 inch .....    | \$0.75 | \$3.35 | \$6.50 |
| 18-24 inch .....    | 1.35   | 6.35   | 12.00  |

**For Red Leaved Barberry Plants**  
**See Page 36**



# The Best Shrubs for Landscaping

Plant dwarf shrubs (marked D), about 1-2 ft. apart. Medium shrubs (marked M.) about 2-3 ft. apart and large shrubs (marked L.) about 3-4 ft. apart. All shrubs are guaranteed to reach destination in best condition and are bound to grow.

## EXTRA DISCOUNT ON SHRUBS

10% discount on Shrub orders of \$5.00 or more.  
20% discount on Shrub orders of \$10.00 or more.  
Collections or other special offers excluded. This offer applies to shrubs only.

## SPECIAL GIFT OFFER

Order Any of the Items Listed Below Before March 1, 1936 and We Will Include the Free Gift Offer if you request it. Limit—10 combinations per customer.

### YOU BUY

and

### GET FREE

- |                                          |                                     |
|------------------------------------------|-------------------------------------|
| 1 Colorado Blue Spruce, 2-3 ft., \$7.00. | 1 White Cedar 18-24 inch. FREE.     |
| 1 Rose Tree of China, 3 yr., 75c.        | 1 Spirea Van Houttei, 2-3 ft. FREE. |
| 1 Haralson Apple, 5-6 ft., 95c.          | 1 Baby Chinese Elm. FREE.           |
| 2 MacDonald Rhubarb Roots, \$1.50.       | 2 Formosa Pink Peonies. FREE.       |
| 5 Concord Grapes, 2 yr., 90c.            | 1 Syringa, 3 yr. FREE.              |
| 5 Red Lake Currants, 2 yr., \$2.65.      | 2 Snowball Hydrangeas. FREE.        |

FREE GIFT OFFER APPLIES ONLY TO ITEMS AS LISTED ABOVE  
IT DOES NOT APPLY TO LARGER QUANTITIES  
WE CAN MAKE NO CHANGES IN ABOVE COMBINATIONS



*Spirea Van Houttei.*



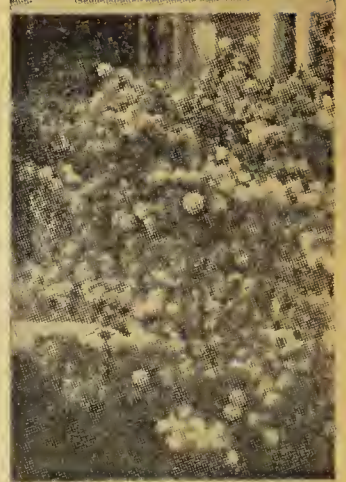
*Weigela.*



*Hydrangea.*



*Forsythia.*



*Snowball.*

ALLOW for POSTAGE,  
15c for one shrub, 25c for  
three to four shrubs, 30c  
for five to six shrubs, etc.  
—to 3rd zone only. Larger  
orders by express.

**RED-LEAVED BARBERRY.** D. Rich bronze-red leaves that hold their color all summer. A bright contrast to other shrubs. Plant in full sunlight. Rust-proof. Prices: 2-yr. plants 30c, 3-yr. 45c.

**JAPANESE BARBERRY.** (Thunbergi.) D. Of bushy spreading growth, with small bright green leaves densely covering the thorny twigs. Scarlet and bronze in fall, studded with crimson berries. Rust-free. Prices: 2-yr. plants 20c, 3-yr. 30c.

**BUTTERFLY BUSH.** (Buddleia.) M. A symmetrical bushy shrub with branches of semi-weeping habit. Blooms in July and August, bearing long tapering spikes of fragrant flowers of a brilliant rosy-purple color. Also known as Summer Lilac. Prices: 2-yr. plants 50c.

**COTONEASTER.** M. A neat clean shrub with small rounded leaves, dark green and glossy. Inconspicuous pink flowers followed by black fruit. Extremely hardy and drought resistant. Prices: 2-yr. plants 35c, 3-yr. 65c.

**HIGHBUSH CRANBERRY.** L. Handsome shrub with dense brilliant green foliage. White flowers in spring, followed by big clusters of edible red berries. Excellent for background planting. Prices: 2-yr. plants 45c, 3-yr. 65c.

**RED-TWIGGED DOGWOOD.** L. Bright coral-red branches make this shrub attractive in all seasons. Fine for background or mass planting. Thrives in sunlight or shade. Prices: 2-yr. plants 35c, 3-yr. 45c.

**GOLDEN ELDER.** L. The golden beauty of its foliage contrasts richly with the green of other shrubs. Produces large, flat, white blossoms, followed by purplish berries. Prices: 2-yr. plants 40c, 3-yr. 50c.

**FORSYTHIA.** (Golden Bell.) L. The first shrub to bloom in the spring. Beautiful bell-shaped flowers of golden yellow cover the bush before the leaves appear. Grows 6-8 ft. tall though easily trimmed back to desired height. Prices: 2-yr. plants 35c, 3-yr. 50c.

**RED BUSH HONEYSUCKLE.** (Tartarian.) L. Blooms in May followed by bright red berries throughout the summer. Good for foundation and screen plantings. Prices: 2-yr. plants 30c, 3-yr. 40c.

**SNOWBALL HYDRANGEA.** (Arborescens.) M. Valuable for landscape planting. Snowball-like flowers from July to frost. Prices: 2-yr. plants 35c, 3-yr. 50c.

**LARGE FLOWERING HYDRANGEA.** (Paniculata Grandiflora.) M. Very showy, with clusters of magnificent conical flowers of pure white, changing to bronze-pink in fall. Blooms in August. Often cut for winter house decoration. Prices: 2-yr. plants 35c, 3-yr. 50c.

**LILAC, FRENCH HYBRIDS.** L. See page 34.

**MAY FLOWER BUSH.** L. The first to come into full leaf in spring. Produces a wealth of white blooms which cover the entire bush. Very ornamental as a specimen bush or tree, or for background planting. Prices: 2-yr. plants 35c, 3-yr. 50c.

**PURPLE LEAF CISTENA.** M. A new shrub introduced by Prof. Hansen of the South Dakota College. Very striking purple foliage—fine color effect. Used in landscape plantings. Very hardy, dwarf and compact. A showy shrub desirable in any landscape. Prices: 2-yr. field-grown plants 55c, 3-yr. 85c.

**ROSE TREE OF CHINA.** (Prunus Triloba.) M. Without question the most striking flowering shrub for early spring. Every branch completely covered with small double, rose-like, pink flowers in May, before the leaves are out. Prices: 2-yr. field-grown plants 45c, 3-yr. 75c.

**SNOWBALL.** L. Always a popular plant, blooming very early—perfectly hardy and producing quantities of white ball-shape blooms. A favorite cemetery plant. Prices: 2-yr. plants 50c, 3-yr. plants 75c.

**SNOWBERRY, WHITE.** D. A very desirable dwarf shrub, perfectly hardy. Has tiny rose-colored flowers in June and July, followed by milk-white clusters of berries in late fall and winter. Does well in sun or shade. Prices: 2-yr. plants 25c, 3-yr. plants 35c.

**SNOW GARLAND SPIREA.** (Arguta.) M. The earliest blooming Spirea, growing 5 ft. tall. Slender and graceful form with delicate leaves. Pure white flowers are produced in great profusion. Prices: 2-yr. field-grown plants 35c, 3-yr. 50c.

**SPIREA ANTHONY WATERER.** D. Has gay crimson flowers that bloom all summer, and variegated foliage. Is very hardy. This dwarf shrub will fit into any plan and always proves attractive. Prices: 2-yr. field-grown plants 30c, 4-yr. 40c.

**SPIREA BILLARDI.** M. Plume-like flowers of delicate rose; upright growth. Medium height. Fine foliage. Will add to any foundation or landscape planting—very hardy. Prices: 2-yr. field-grown plants 35c, 3-yr. 50c.

**SPIREA VAN HOUTTEI.** (Bridal Wreath.) M. Most popular of all shrubs—very hardy—blossoms profusely in May. Prices: 2-yr. size 25c, 3-yr. size 35c.

**SYRINGA.** (Mock Orange.) L. A tall hardy bush bearing beautiful white flowers that resemble orange blossoms, in great profusion. They are fine for cutting and exquisitely fragrant. Used for background, screen planting or grouping. Attractive foliage. Prices: 2-yr. field-grown plants 35c, 3-yr. 50c.

**TAMARIX, FEATHERY.** M. New, graceful and distinctive appearance, with light and feathery foliage and large, loose panicles of orchid-pink flowers. Prices: 2-yr. field-grown plants 30c, 3-yr. 50c.

**WEIGELA ROSEA.** M. Produces a wonderful display of rose-pink flowers in May and June. They are bell-shape, leaves deep green, and bushes will grow to a height of 4-6 ft. Prices: 2-yr. plants 45c, 3-yr. plants 60c.



*Spirea—A. Waterer.*





**Talisman Rose.**  
Two-year field grown plants,  
50c each, 3 for \$1.35.  
See page 34.



**Sunburst Rose.**  
Two-year field grown plants,  
50c each, 3 for \$1.35.  
See page 34.



**Hansa Rose.**  
Large hardy double deep red.  
Two-year field grown plants,  
50c each, 3 for \$1.35.  
See page 34.



**Pink Radiance.**  
Large flowers of bright rose-  
pink. Two-year plants, 50c  
each, 3 for \$1.35. Page 34.



Ludwig Spaeth.

President Grevy.  
For Other French Lilacs, see page 34.

Madame Lemoine.



(1) Red Tartarian Honeysuckle; (2) Spirea Billiardi; (3) Spirea  
Snow Garland; (4) Mugho Pine; (5) Forsythia, Golden Bell; (6)  
Spirea Anthony Waterer; (7) Pyramidal Arbor-Vitae; (8) Spirea  
Van Houttei; (9) Hydrangea P. G.; (10) Red-Leaved Barberry.



### Colorado Blue Spruce

|                                                                                                     | 2 Trees | 10 Trees |
|-----------------------------------------------------------------------------------------------------|---------|----------|
| 8-12 in. transplanted,<br>well branched .....                                                       | \$0.60  | \$2.50   |
| 12-18 in. transplanted,<br>well branched .....                                                      | .75     | 3.50     |
| 18-22 in. transplanted,<br>well branched .....                                                      | .95     | 4.50     |
| Postage: 8-12 and 12-18 in., 2 trees 25c;<br>10 trees 60c; 18-22 in., 2 trees 37c; 10<br>trees 75c. |         |          |
| See page 31 for larger sizes and prices.                                                            |         |          |

### Rose Tree of China

(Prunus Triloba)

Striking early pink  
flowering shrub. Blooms  
in May. Completely cov-  
ered with tiny rose-like  
pink flowers. Very arna-  
mental.

Price: 2-year, field  
grown plants,  
45c each.  
3-year field  
grown plants,  
75c each.

Postage, 1 plant  
15c, 3 plants  
25c.  
See page 36.



**FREE OFFER  
FOR EARLY  
NURSERY ORDERS.**

Page 28.



Description and prices of  
shrubs in above founda-  
tion planting on opposite  
page 36.

### 5 SPECIAL ROSES \$1.95

Your choice of any  
5 Roses on this page  
for \$1.95. Add 19c  
to cover postage and  
packing.

### 5 FINEST FRENCH LILACS \$1.85

One each Ludwig Spaeth, red—  
Pres. Grevy, blue—Madame Le-  
maine, white—Chas. Jaly, double  
red—Villasa, pink—5 plants, 2-  
year size, \$1.85—3-year size,  
\$2.50. See page 34.

Add 39c postage for 2-year size  
—47c for 3-year size.



**Paul's Scarlet Climber.**  
Two-year field grown plants,  
40c each, 3 for \$1.05.  
Page 34.







# NEWEST FRUITS

# FROM

# THE NORTH

## Cumberland Black Raspberry

Largest and best black variety. Standard grade plants, 25 far 90c. Heavy select plants, 25 far \$1.95. Add 15c for postage. Page 29.

Cumberland.

ONLY ONE-THIRD  
PAYMENT REQUIRED  
WITH ORDER.

## Double Red Duchess Apple

Earliest red apple—hordy and heavy bearer. 3-4 ft. trees, 65c 4-5 ft. trees, 75c Not postpaid. Page 30.

Whitney Crab.

## Whitney Crab

Best for hame conning and preserving. Standard grade, 3-4 ft. trees, 60c each, 3 for \$1.70. Heavy select grade, 4-5 ft. trees, 75c each, 3 for \$2.10. Not postpaid. Page 30.

## Sapa Cherry-Plum

Purple-red fruit — trees bear second season. Standard grade, 2-3 ft. trees, 55c each, 3 far \$1.55. Heavy select grade, 4-5 ft. trees, 80c each, 3 far \$2.35. Not postpaid. Page 31

## Latham

World Famous Raspberry Gold Medal Winner Biggest yielder and largest berries. Standard size plants, 25 far 90c. Heavy select plants, 25 far \$1.75. Add 15c for postage. Page 29.

## NEW Wayzata EVERBEARING STRAWBERRY

Prize winner Minn. Stote Fair. A record profit maker — best quality — longest keeping strow-berry grown. See page 27 for special prices.

## New Red Lake Currant

Minn. 24 — Exceptionally large, heavy clusters — very productive. Standard grade plants, 5 far \$1.55, 10 far \$2.65. Heavy select grade, 5 far \$2.65, 10 far \$4.95. Add 15c and 20c for postage. Page 29.

## Parker Pear

Minn. No. 1. Finest large golden yellow pear — hardy — ripens in August. 2-3 ft. trees, 85c 3-4 ft. trees, 95c Not ppd. Page 29.

Parker.

Double Red  
Duchess.

## Dolgo Crab

Ornamental and fruit tree. Extremely hardy. Fire-red fruit. 2-3 ft. trees, 60c each; 3 far \$1.70 3-4 ft. trees, 75c each; 3 far \$2.10 Not postpaid. Page 30.

## Oka Cherry

Large, meaty, black-red fruit—delicious flavor. Bushy habit. 2-3 ft. trees, 75c 3-4 ft. trees, 85c Not ppd. Page 31.

Oka  
Cherry.

ALL PRICES ARE F. O. B.  
FARIBAULT UNLESS OTHER-  
WISE STATED.

Dolgo  
Crab.

## Underwood Plum

Large, dependable, hardy plum — excellent flavor. Easily peeled for conning. 3-4 ft. trees, 60c each, 3 for \$1.70. 4-5 ft. trees, 80c each, 3 far \$2.25. Not ppd. Page 30.

## NEW Fredonia GRAPE

Outstanding early black grape. Three weeks earlier than Concord. Compact clusters, perfectly hardy. Standard grade plants, 5 far \$1.65, 10 far \$3.15. Postage 13c and 17c. Heavy select grade, 5 far \$1.85, 10 far \$3.55. Postage 13c and 17c. Page 29.

Haralson.

## BIG RED Haralson APPLE

Largest red winter apple — excellent quality, good keeper, perfectly hardy. 2-3 ft. trees, 55c each, 3 far \$1.50 3-4 ft. trees, 65c each, 3 far \$1.80 Not postpaid. Page 30.

## Superior Plum

Largest of California type plums—peels like a peach—delicious — yellow flesh — hardy. 3-4 ft. trees, 95c each, 3 far \$2.65 4-5 ft. trees, \$1.10 each, 3 far \$3.15 Not postpaid. Page 30.

NORTHERN HARDINESS INSURES YOUR SUCCESS



# New Beauty and Fragrance for Your Garden



## Coral Lily

Bears clusters of dainty recurved flowers of brilliant coral-red. Hardy. Fine for rock gardens, partial shade and for cutting. Blooms in July. Height 2 ft. Set bulbs 6 inches deep. 5 for 50c.

**12 BULBS \$1.00**  
Postpaid

## Regal Lily

Large fragrant flowers of ivory-white, shaded rose, with centers flushed yellow. Plant freely in full sun among perennials or low-growing shrubs. Very hardy. Blooms in July. Height 3-4 ft. Set bulbs 7 inches deep in a packet of sharp sand. 3 for 25c; 7 for 50c.

**15 BULBS \$1.00**  
Postpaid



## HARDY CHRYSANTHEMUMS

**5 STRONG PLANTS \$1.35**  
postpaid

Hardy anywhere. The glory of the fall garden.

One each of the following:

**ALADDIN.** Bronze. Earliest of all.

**RED FLARE.** Large, double, mahogany-red.

**JEWELL.** Deep orchid-pink; early September.

**JEAN TREADWAY.** Sparkling pink with rose center.

**RODELL.** Deep golden yellow.

Your choice of any three for \$1.00.



**CHRYSANTHEMUM, ALADDIN.**  
3 plants for \$1.00.



**GLADIOLUS "PICARDY"**  
10 bulbs for \$1.00.

## BLAZE-O'-MUM

The plant of a thousand brilliant blooms—

resembling Azaleas—500 to 600 beautiful flowers open at one time, and all from a single plant. The most magnificent flower sensation of the day—perfectly hardy, blooms for years—no protection needed. A blaze of pink color for the autumn garden.

Blaze-O'-Mum belongs to the hardy Chrysanthemum family—it is the newest outstanding introduction. Don't wait to see it at your neighbors—be first to show this delightful surprise.

We offer plants to bloom the first season, from August until snow flies.

Especially priced in quantities to permit including plants for some flower-loving friend. A wonderful gift for Mother's Day. Price: choice field grown plants, 35c each, two for 60c, four for \$1.00, postpaid.



**GLADIOLUS, "LUSTRE".**  
10 bulbs for 80c.



**GLADIOLUS, "AVE MARIA".**  
10 bulbs for 80c.

## Special Gladiolus Offer

**18 CHOICE BULBS — Six each of 3 varieties \$1.30**  
illustrated in color. Postpaid.

## Cut Flower Glad Collection

**20 Bulbs, 70c postpaid**

Made up of standard named sorts, such as Crimsan Glow, Las Angeles, Purple Glary, Golden Dream, etc.—a wide color range and absolute satisfaction guaranteed. Price, 10 for 40c; 50 for \$1.70. See page 42. Prepaid to 3rd zone.



**BLAZE-O'-MUM**  
The Plant of a Thousand Pink Blooms.





# MODERN DAHLIAS



Strong field-grown tubers,  
dormant stock.

## Marvels in Size of Flower and Length of Stem

Leaflet on Dahlia Culture  
free upon request.

**ALICE STELLICK.** Informal Decorative. Bicolor dahlias are always striking but this is unusually so. A bright crimson carmine with a glistening white stripe through center of petal, with occasional blooms self colored. The petals curl and twist, making a very appealing unusual flower. Each \$1.00, prepaid.

**BAGDAD.** Informal Decorative. An immense flower of flaming scarlet-red, borne high above the foliage so that it may be seen all over the garden. Plants are tall with good habit of growth; foliage is dark green. Bagdad has a rich bright color which neither fades nor burns. Each 60c, prepaid.

**DOROTHY STONE.** Informal Decorative. A true deep pink, rich and brilliant. The flowers are large, with a high, full center and thick petals evenly placed. The plants are vigorous and bloom profusely, holding the blooms erect on tall, stiff stems. Each 75c, prepaid.

**EDNA FERBER.** Semi-Cactus. A glistening coral color, shading to old gold at base of petals. Medium to tall habit of growth, with thick, dark green foliage. The unusual beauty and color of the flower attracts immediate attention. Each, 45c, prepaid.

**ELIZA LONDON SHEPARD.** Informal Decorative. A clear, rich, luminous orange gold. The color is so outstanding that it has been designated as the Dahlia Beautiful. The flowers are large and perfectly formed, with high, full centers; stems are stiff and straight. Plants are strong, vigorous and free flowering. Each 75c, prepaid.

**LA TOREADOR.** Formal Decorative. Color, a glowing deep red. The flowers are large and of good form, on strong, perfect stems. Plants are sturdy and compact. A splendid keeper and shipper, La Toreador is the leading red cut flower variety on the market. Each 25c, 3 for 70c, prepaid.



Edna Ferber—Glistening Coral Color.



### EEZY WEAR GARDEN GLOVES

All-Leather—Dirt-Proof —  
Soft as Kid—Extra Pliable.

Economical — out-  
wear 6 pairs of fabric  
gloves and are useful  
the year 'round for  
Garden, Housework,  
Painting, Yard, Fur-  
nace, Garage, etc.

#### WASHABLE!

In ordering be sure to specify for men  
or for women.

Price: 65c a pair (2 pairs, \$1.20), post-  
paid.

### A SHOWY CANNA BED

A round bed 7 feet  
in diameter requires 19  
Cannas. They should be  
set 18 inches apart each  
way, one in center, six  
in first row and twelve  
in outside row. The  
center of the bed should  
be 4 to 6 inches higher  
than the level of the  
lawn. Foliage plants  
such as Coleus, Dusty  
Miller, etc., make an  
effective border.

#### SPECIAL OFFER

19 Choice Roots \$1.65  
ppd.

## CANNAS

Used extensively for mass planting in beds and for color effect  
in hardy borders. Roots started indoors in April may be set out  
in June when danger of frost is past. We offer dormant roots of  
first quality.

**KING HUMBERT.** 4 ft. Large trusses of orange-scarlet flowers.  
Foliage is bronze, very broad and handsome. A "Gold Medal" Canna.

**THE PRESIDENT.** 4½ ft. Rich glowing scarlet flowers, 7 inches across.  
on strong, erect stalks. The foliage is green.

**HUNGARIA.** 3½ ft. The best pink Canna. Leaves bluish-green, never  
burn. Trusses are compact and of enormous size.

**YELLOW KING HUMBERT.** 4 ft. Flowers a deep rich yellow, softly  
spotted and blotched with bright red. Foliage very dark green.

**APRICOT.** 4 ft. Color, buff-yellow overspread with salmon-pink, producing  
a mass effect of rich apricot.

**MRS. ALFRED F. CONRAD.** 4 ft. Unsurpassed for planting either  
singly or in large beds. Foliage is green; flowers exquisite pink.

**GOLDEN GATE.** 4 ft. Color, pure golden yellow. Very rich and effec-  
tive. Flowers of good size held well above the foliage.

Price, any of the above dormant roots, 15c each, 6 for 75c,  
12 for \$1.25, 100 for \$8.50, prepaid.

**MIXED CANNAS.** A fine showy blend. Strong roots. 3 for 30c, 12 for 85c,  
100 for \$8.00, prepaid.



Canna—Yellow  
King Humbert.

**JANE COWL.** Informal Decorative. This wonderful dahlia is a success wher-  
ever grown. Color, a warm buff and old  
gold, blending to apricot and rose at the  
center. Strong stems hold the giant flow-  
ers upright. Each 30c, prepaid.

**JERSEY'S BEAUTY.** Formal Decora-  
tive. Color is a vivid, glowing rose-pink.  
The massive flowers are of great depth, al-  
ways full to the center. Plants are strong  
with tall, stiff stems. Each 25c, 3 for 70c,  
prepaid.

**JERSEY'S DAYBREAK.** Informal  
Decorative. This much-admired dahlia is  
Hermosa pink, shading to creamy yellow  
in the center. Flowers are of good size  
and form, with rigid stems. One of the  
few dahlias that develops in water. Each  
60c, prepaid.

**KENTUCKY.** Formal Decorative. A  
brilliant salmon-orange shading to orange-  
yellow at the base, and deepening to grena-  
dine-pink on outer petals. A sport of  
Jersey's Beauty, having the same excellent  
qualities. Each 30c, prepaid.

**MABEL S. DOUGLASS.** Semi-Cactus.  
A beautiful pastel lavender, with orchid  
lights. The huge flowers have long, curled  
pointed petals, and are produced on long  
cane-like stems. This dahlia will do well  
in heavy soils, and requires staking. Each  
\$1.00, prepaid.

**MONMOUTH CHAMPION.** Formal  
Decorative. Flower of great size and bril-  
liant orange flame color. Plants are good  
producers of perfect blooms throughout the  
entire season. Each 45c, prepaid.

**SNOWDRIFT.** Formal Decorative. A  
large, pure white dahlia with broad, rather  
flat, waxy petals. Has good stems and  
blooms freely. Bush grows about 4½ feet  
tall. Each 30c, 3 for 80c, prepaid.

**TREASURE ISLAND.** Formal Decora-  
tive. Color, bright apricot with gold and  
rose suffusion and shadings. Bush growth  
is strong, branching readily from the  
ground, giving four-foot stems. A wonder-  
ful success wherever grown, as it with-  
stands heat and drought remarkably well.  
Each 45c, prepaid.

**MIXED DAHLIAS.** This mixture in-  
cludes all different types and is made up  
of fine varieties and colors. Excellent for  
cut-flower purposes or for planting in  
mixed borders. To encourage a liberal  
planting of them, we offer choice mixed  
dahlias at 3 for 50c, 6 for 90c, 12 for  
\$1.70, prepaid.





# Beautiful Gladioli



## EASY TO GROW

Gladioli have become the most popular of all summer flowers, because of their beauty, ease of culture and usefulness. By making a succession of plantings, two weeks apart, flowers may be had from the middle of July to frost.

**CULTURE**—Any good garden soil will grow Gladioli provided they are planted in a sunny location. The bulbs should be set 4-5 inches deep and at least 6 inches apart. Keep the soil loose and friable by frequent and thorough cultivation.

## FAVORITE STANDARD VARIETIES

**BETTY NUTHALL.** Coral-pink with orange throat. Each 4c, 10 for 35c.

**CRIMSON GLOW.** Scarlet, with velvety scarlet blotch. Each 4c, 10 for 35c.

**HEAVENLY BLUE.** Clear violet blue. Each 8c, 10 for 65c.

**LA PALOMA.** Rich, brilliant orange. Each 6c, 10 for 50c.

**MARNIA.** Ruffled flower of vivid orange. Each 4c, 10 for 35c.

**MRS. DR. NORTON.** Delicate cream, suffused pink. Each 4c, 10 for 35c.

**MRS. P. W. SISSON.** Soft cameo-pink. Each 4c, 10 for 35c.

**NANCY HANKS.** A rich apricot. Very fine. Each 4c, 10 for 35c.

**PURPLE GLORY.** Velvety maroon. Ruffled. Each 6c, 10 for 50c.

**SCARLET PRINCEPS.** Intense scarlet. Each 4c, 10 for 35c.

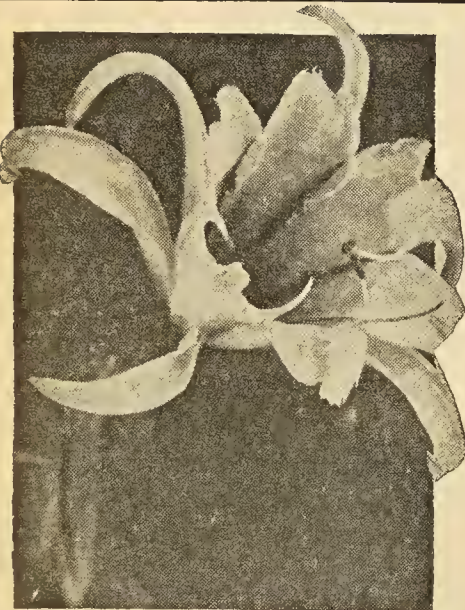
**TOBERSUN. (OCTOBER SUN).** Deep yellow. Each 7c, 10 for 60c.

**W. H. PHIPPS.** Immense salmon-pink. Each 4c, 10 for 35c.

### FAVORITE COLLECTION

1 each of above (12 Bulbs).....45c  
2 each of above (24 Bulbs).....85c  
5 each of above (60 Bulbs).....\$2.00

All prepaid.



Ismene Calathina.

## ISMENE CALATHINA (PERUVIAN DAFFODIL)

Not hardy. Lovely large amaryllis-like flowers of pure white, borne 3-4 on a stem. Very fragrant. Plant outdoors in June. Bulbs may be taken up in October, stored in a cool, dry place for several weeks, and then potted and flowered in the house in winter. Each 25c, 3 for 60c, prepaid.

## SPREKELIA FORMOSISSIMA (JACOBAN LILY)

Closely related to the Amaryllis, bearing showy brilliant flowers of the richest crimson. Dormant bulbs planted in the garden early in May, will bloom in 3-4 weeks. Planted in pots, they will bloom in the house during the early spring months. Each 25c, 3 for 60c.

For AMARYLLIS BULBS see page 43



Gladiolus Mildred Louise.

## SIX PEERLESS GLADIOLI

**AIDA.** Deep blue, with a reddish blotch in throat.  
**CHARLES DICKENS.** Brilliant purple. Tall and vigorous.

**CRINKLES.** Deep peach-blossom pink. Ruffled.

**DR. BENNETT.** A vivid, fiery scarlet.

**MARMORA.** Silvery lavender-gray with petunia-purple blotch.

**STAR LILY.** Giant flowers of a deep canary yellow. Heavily ruffled.

Price any of the above: Each 6c, 10 for 50c.

### PEERLESS COLLECTION

Two each of above 6 outstanding varieties, 12 Bulbs (value 72c) all prepaid for..... 55c

## GLADIOLUS ARISTOCRATS

**BRIGHTSIDE.** Richest canary yellow, flushed pure apricot with tips of petals bittersweet orange. Color is bright and sparkling. Each 20c, 10 for \$1.60.

**COMMANDER KOEHL.** Gigantic well formed flowers of dark scarlet. The best all-red glad so far introduced. Each 10c, 10 for 80c.

**DREAM O'BEAUTY.** Most beautiful of the rose-reds. Massive spikes with 10 blooms open at one time. Each 12c, 10 for 95c.

**LOTUS.** An exquisite blend of pink and cream. As delicately beautiful as the loveliest tea rose. Each 12c, 10 for 95c.

**LUSTRE.** Brilliant scarlet. A tall large flowered variety. (See illustration in color on page 40.) Each 10c, 10 for 80c.

**MILDRED LOUISE.** Pure salmon-pink with lower petals tipped strawberry-pink and blending to yellow in throat. Beautiful wide open florets. Each 20c, 10 for \$1.60.

**PELEGRINA.** The best dark blue. Has a rich velvety sheen and is much superior to Veilchenblau in every respect. Each 15c, 10 for \$1.25.

**SWEETHEART.** Pure waxy white with edges of petals a vivid pink. Flowers are attractively frilled. Very early. Each 20c, 10 for \$1.60.

### ARISTOCRAT COLLECTION

One each of above Exhibition Novel-  
ties, 8 Bulbs (value \$1.19) all pre-  
paid for ..... 95c  
2 collections for \$1.75

## EIGHT SUPERIOR SORTS

**AFLAME.** Begonia-rose, shading to bright flame. Each 7c, 10 for 60c.

**AVE MARIA.** Large medium blue flowers with small purple blotch. Each 10c, 10 for 80c.

**EMILE AUBRUN.** Copper bronze with cherry blotch. Each 8c, 10 for 65c.

**MINUET.** The most beautiful clear lavender. Each 8c, 10 for 65c.

**PFITZER'S TRIUMPH.** Giant salmon-scarlet, with cherry throat. Each 6c, 10 for 50c.

**PICARDY.** Clear shrimp-pink. Immense ruffled flowers. Each 11c, 10 for \$1.00.

**PINK CLOUD.** Soft rose-pink with deeper throat. Ruffled. Each 7c, 10 for 60c.

**RUFFLED GOLD.** Extra fine ruffled yellow. Each 8c, 10 for 65c.

### SUPERIOR COLLECTION

1 each of above 8 named sorts for...50c  
2 each of above 8 named sorts for...90c  
All prepaid.

## Miscellaneous Spring BULBS



### TUBEROSE

(DWARF DOUBLE PEARL)

Height 18 in. Dwarf, stocky plants, with spikes of pure white wax-like double flowers with a delicious fragrance. Bulbs planted in a sunny position in the garden in May, bloom in fall. If early flowers are wanted, bulbs may be started in pots in the house, and transplanted to the open ground in May. To preserve tubers over winter, they must be kept in a warm room, or the flower stem will rot, and the tubers never bloom. Each 8c, dozen 75c, prepaid.

### GLOXINIAS

These showy plants are easily grown in pots for summer or winter blooming. They make a glorious display, continuing in bloom for several months. Plant the bulbs in small individual pots. Complete cultural directions will be sent with every order. Bulbs ready for shipment after March 1st. Each 35c, 3 for 85c, prepaid.

### CINNAMON VINE

(DIOSCOREA BATATAS)

A beautiful climber—growing 30 ft. in a single season. Easily trained. It has glossy heart-shaped foliage and produces clusters of delicate white flowers, very fragrant. Especially hardy and will thrive anywhere. Strong roots each 15c, 3 for 40c, prepaid.

### MADEIRA VINE

(CLIMBING MIGNONETTE)

Has small white feathery flowers; light green leaves, heart-shaped and is a rapid grower. Fine for arbor, trellis or summer houses. A free, constant bloomer—not hardy. Large bulbs each 10c, 3 for 25c, dozen 90c, prepaid.

For CLIMBING ROSES, see page 34

For HARDY VINES, see page 33





# Hardy Garden Lilies



**Charming in the Garden  
and Exceptionally  
Fine for Cutting**

**Plan to Make a Generous  
Planting of Several  
Varieties This Spring**

## LILY COLLECTION

- 1 Auratum—Ivory-white, striped yellow.  
1 Rubrum—White, shaded rose.  
1 Henryi—Rich apricot-yellow.  
1 Double Tiger—Orange-scarlet.  
4 bulbs, (value \$1.15) all  
prepaid for ..... **95c**



The Gorgeous  
Flower of the

Lily-like  
Amaryllis.

## GIANT HYBRID AMARYLLIS

Magnificent house plants with handsome broad dark green leaves and gigantic flowers of perfect form and gorgeous beauty. The colors range from almost pure white, through various shades of pink to the deepest scarlet and maroon, some with mottled throats and beautiful markings. Complete cultural directions will be sent with order. 3-year bulbs in choicest mixture only. Each 35c, 3 for 90c, prepaid.

## BULBS FOR FALL PLANTING

Tulips, Narcissi and Hyacinths must be planted in the fall. Our Special Fall Bulb Circular containing descriptions and prices of these and many other hardy Spring Flowering Bulbs will be ready about September 15th. Send for it.

## GARDEN BOOKS

**AUDELS GARDENERS' AND GROWERS' GUIDE**—4 volumes, 1,700 pages, hundreds of illustrations. A Treasure Store of Success Secrets. Tells how to prepare the soil, how to plant, grow and improve vegetables, fruits and flowers. Flexible art binding, \$5.35, prepaid. Circular free.

**AUDELS FLOWER EDUCATOR**—600 pages, hundreds of illustrations. Gives successful directions for planting and growing Annuals, Perennials, Bulbs, Shrubs and Fine Lawns. Invaluable to every gardener. Flexible art binding, \$1.50, prepaid.

## HOW TO GROW THEM

**Location**—The hardy border is an ideal location for Lilies, as they need sunshine on their tops and shade about their roots. The foliage of surrounding low shrubbery and plants provides shade and shows the flowers to best advantage.

**Soil**—Should consist of 2 parts good black loam and 1 part well-rotted leaf mold. In planting, the bulbs should be surrounded by a cushion of clean sand to provide drainage and prevent rotting.

### AURATUM (Gold Banded Lily of Japan)

Height 4-6 ft. Large, graceful, fragrant flowers of delicate ivory-white, richly spotted with crimson and striped with golden yellow. Blooms in July and August. Set bulbs 8-10 inches deep. Each, 30c, 3 for 80c, prepaid.

### RUBRUM MAGNIFICUM

Height 2-4 ft. Immense fragrant white flowers, beautifully shaded and spotted with rose and crimson. Petals are recurved and wax-like. Blooms in late August. Set bulbs 8-10 inches deep. Each 30c, 3 for 80c, prepaid.

### REGALE (The Royal Lily)

Height 3-5 ft. The most beautiful of all hardy garden Lilies. Large, fragrant trumpet-shaped flowers of ivory-white, shaded rose, with centers flushed yellow. The stems are sturdy and bear clusters of from 2-8 flowers each. Bloom early in July. 3 for 25c, 7 for 50c, 15 for \$1.00, prepaid. Illustrated in color on page 40.

### HENRYI

Height 4-6 ft. A rare and very handsome Lily from central China, which blooms in late August. The flower stalks carry 5-8 large blooms each, of a striking rich apricot-yellow, lightly spotted with brown. Set bulbs 10-12 inches deep. Each 35c, 3 for 95c, prepaid.

### DOUBLE TIGER LILY (Tigrinum Flore Pleno)

Height 5 ft. Handsome, showy Lilies of easy culture, producing an abundance of orange-scarlet flowers in August. Very hardy and vigorous. Each 20c, 3 for 50c, prepaid.

### TENUIFOLIUM (Coral or Fern-Leaved Lily)

Height 2 ft. This charming Lily is a gem for the rock garden or border. The brilliant coral-red flowers are borne in clusters of 5-15 on slender stems. The foliage is finely cut and fern-like. Blooms in July. Set bulbs 6 inches deep. 5 for 50c, 12 for \$1.00, prepaid.



Hardy Auratum Lily.

### GOLDEN DAY LILY (Hemerocallis)

Height 1½-2 ft. Undoubtedly among the finest hardy plants for ordinary garden culture. The flowers are produced in June, in spikes of from six to a dozen blooms opening in succession. Color is a rich golden yellow. Each 20c, 3 for 50c, prepaid.

For Non-Hardy Lilies, see page 41.

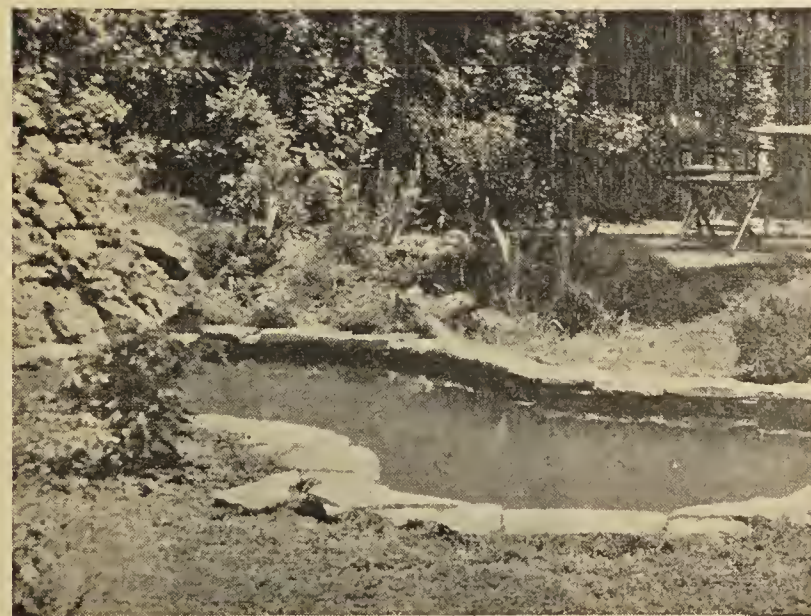
## — Colorful Hardy Water Lilies —

Complete directions with each order. Shipments April 15th to June 15th.

**ODORATO.** Pure White. The Native American Water Lily. Vigorous and prolific, it is the best variety to experiment with, or to plant where quantity is needed for effect. Price, each, 45c, 3 for \$1.00, 6 for \$1.75.

**MEXICANA.** Light Yellow. One of the most dependable varieties. Flowers are 4 inches across; leaves deep green with under surface blotched dark red. Price each, 45c, 3 for \$1.00.

Note: All lilies are sent prepaid.



The Lily Pool Is the Most Interesting Spot in the Garden.  
No Plants are as Easy to Grow as Water Lilies.

**ROSE AREY.** Bright Cerise-Pink. Of iridescent hue and exquisite fragrance. Flowers are 8 inches across, with beautiful pointed petals. Plants are vigorous and free flowering. Price, each, \$1.50, 2 for \$2.75.

**HELEN FOWLER.** Deep Pink. Lovely fragrant flowers, 3-5 inches across on stiff stems. The best pink lily for cutting. Continuous bloomer. Suitable for tub culture as the leaves are small. Price, each, \$1.10, 2 for \$2.00.

**WATER HYACINTH.** Tropical Water Plant. A floating plant at home in any pool. Drifts to shallow water where the roots anchor and growth is very rapid. The lavender flowers form a spike like that of the true hyacinth. The long, bushy roots are excellent for spawning goldfish. Price, 3 for 50c, 6 for 75c, 12 for \$1.25.

Our Special Circular,  
"How To Make a Rock Garden  
or Lily Pool,"  
will be sent free upon request.

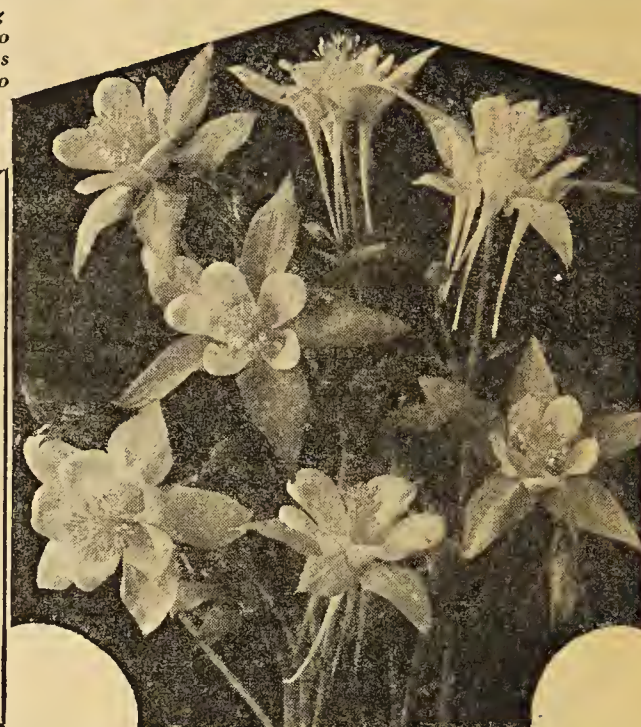


# The BEST in FLOWER Seeds

Our Flower Seeds are grown for us by leading American and European growers, and are true to name and color. Neither time nor expense is spared to provide the best new varieties, and to secure the finest strains available.



Brachycome—Swan River Daisy.



Aquilegia—Dobbie's Imperial Hybrids.

## 1936 ALL-AMERICA SELECTIONS

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### ACHILLEA (Perennial)

- 1020 The Pearl. 2 ft. Producers large clusters of double pure white flowers from spring until frost. Splendid for cutting. Easily grown from seed .....Pkt. 10c

### ACONITUM or Monkshood (Perennial)

- 1022 Napellus. 2-3 ft. Handsome plants with bold spikes of dark blue helmet-shaped flowers in July and August. The roots are poisonous and should not be planted near the vegetable garden. Very effective in the border.....Pkt. 10c

### ACROCLINIUM, Double Mixed (Annual)

- 1024 Everlasting. 20 in. Graceful daisy-like flowers, which if cut just before they open, can be dried for winter bouquets.....Pkt. 10c

### AGERATUM or Floss Flower (Annual)

Dwarf, compact-growing plants excellent for bedding, edging or pot plants. Bloom all summer from spring-sown seed.

- 1027 Blue Cap. 6 in. A new dwarf Ageratum with large flowers of a deep rich blue color. The foliage is small and plants have the appearance of miniature domes and make a perfect edging to flower borders .....Pkt. 15c

### ALYSSUM, SWEET (Annual)

Forms a dense carpet of beautiful flowers and is unexcelled for low edgings and borders. Bloom from June to frost.

- 1032 Little Gem. "Carpet of Snow." 6 in. A sheet of fragrant snow-white flowers all summer....Oz. 50c; ½ oz. 35c; pkt. 10c  
1033 Lilac Queen. 6 in. Delicate lavender flowers. Forms a pleasing contrast with the white variety .....Oz. 60c; ½ oz. 40c; pkt. 10c

### ALYSSUM, Madwort (Perennial)

- 1034 Saxatile Compactum. 9 in. An excellent plant for the rockery or front of borders. Produces broad masses of bright yellow flowers in early spring. Also known as "Basket of Gold"..... ¼ oz. 40c; pkt. 10c

### ANCHUSA "Blue Bird" (Annual)

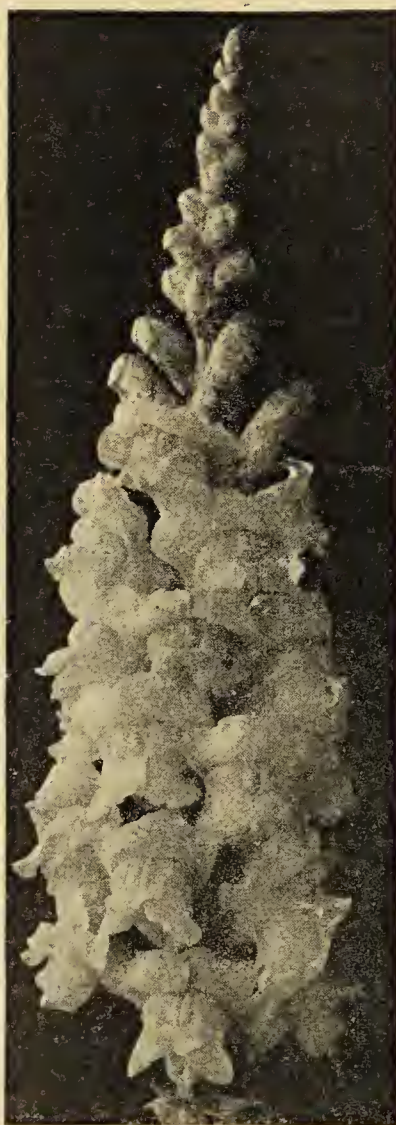
- 1040 Height 18-24 in. Bears large umbels of vivid, indigo-blue, Forget-Me-Not-like flowers in a luxuriant bouquet on tall stems from July to October. Effective in the garden or for cutting....Pkt. 15c

### AQUILEGIA or Columbine (Perennial)

- 1073 Dobbie's Imperial Hybrids. Height 2 ft. Splendid plants for partially shaded positions in the border or rockery. Foliage is graceful and fern-like; the dainty long-spurred flowers are produced in strong brilliant shades of blue, lavender, pink and yellow in spring.....Pkt. 15c

ALL FLOWER SEEDS  
ARE SENT POSTPAID  
IN U. S. A.

PLEASE ORDER BY  
NAME AND NUMBER.  
KEEP DUPLICATE COPY.



New Rust-Proof  
Antirrhinum.

### ANTIRRHINUM or Snapdragon (Annual)

Although generally grown as annuals, Snapdragons are perennials in the South and may live over winter with protection in the North.

#### New Majestic Snapdragons

A new type with extra-large flowers closely set on long, sturdy spikes. Colors are exceptionally clear and beautiful. Height 20 inches.

- 1046 ELDORADO. Deep golden yellow. The richest tint to date.  
1047 ROSE MARIE. Light salmon rose with gold center.  
1048 RED CHIEF. A rich deep scarlet. Clear and brilliant.  
Each of the above, Pkt., 20c; any 3 pkts. for 50c.

#### New Rust-Proof Snapdragons

- 1052 UNIVERSITY OF CALIFORNIA MIXTURE. Height 32 in. The University of California after years of collaboration with leading growers of that state have produced a race of Snaps which are 75% rust-proof. The seed comes from parent plants which have been tested.....Pkt. 25c  
1054 GIANT MIXED SNAPDRAGONS. Height 30 in. .... ¼ oz. 50c; pkt. 10c  
1060 HALF DWARF SNAPDRAGONS. Height 18 in. .... ¼ oz. 50c; pkt. 10c

### ARCTOTIS (Annual)

- 1074 GRANDIS. Height 2-3 ft. Large, pearly-white flowers, with reverse of petals a pale lilac. Center light blue, surrounded with a gold band. One of the best flowers for cutting.....Pkt. 10c

BABY'S BREATH, see Gypsophila, page 48

BACHELOR'S BUTTON, see Centaurea, page 46

### BALLOON VINE (Annual Climber)

- 1200 Height 10-15 ft. Graceful climber with pale green foliage and small white flowers followed by ornamental seed pods resembling small balloons..Oz. 25c; pkt. 5c

### BALSAM, (Annual)

- 1205 Double Mixed. Height 18-24 in. Sturdy bushy plants with large double flowers clustered in the axils of the leaves. Colors: red, rose, pink and white. Prefer rich soil and sunny position....Pkt. 10c

### BELLIS, English Daisy (Perennial)

- 1208 Height 6-8 in. Compact plants, with leaves forming a rosette; the daisy-like flowers of rose and white are borne on stiff stems. Bloom all summer .....Pkt. 10c

### BRACHYCOME, Swan River Daisy (Annual)

- 1213 Height 8 in. Compact plants with deeply cut foliage and dainty flowers. Suitable for edging and pot culture. Bloom all summer. Mixed colors .....Pkt. 10c



# The Newer Annual **ASTERS** DISTINCT IN TYPE and COLORING

## HOW TO GROW

Asters prefer an open sunny position, good soil, deeply spaded and well enriched with bone meal or other fertilizer, and an addition of air-slaked lime. They should not be grown on the same ground two years in succession, as this invites disease.

### AMERICAN BEAUTY (Late)

This beautiful strain is rapidly superseding American Branching for general use. Plants are of the non-lateral branching type, grow 2-3 ft. tall, and produce enormous flowers on long, strong stems. Bloom from August to frost. Superb for cutting.

#### Wilt Resistant Strains

- 1100 Crimson.  
1101 September Beauty, flesh pink.  
1102 Azure Fairy, clear lavender-blue.  
Each of the above,  $\frac{1}{8}$  oz. 35c; pkt. 15c  
One pkt. of each for 40c.

### KING (Midseason) Wilt Resistant

An American type of distinctive beauty. Flowers are large and full with long, narrow petals beautifully quilled. The plants attain a height of 18-24 inches. King Asters are famous for their great substance and wonderful keeping qualities.

- 1116 Rose King.....Pkt. 15c  
1119 Mixed Colors.....Pkt. 15c

### EARLY ROYAL (Early Midseason) Wilt Resistant

These come into bloom directly after the Early Wonder. The flowers are large and very double, with broad incurved petals; stems are long and upright, branching from the base of the plants. Height of plants, 2 feet.

- 1125 Royal Rose. 1128 Royal Purple.  
1127 Royal Lavender. 1130 Royal Mixed.  
Each of the above, Pkt. 15c

### EARLY WONDER or EXPRESS COMET (Extra Early)

- 1135 The best early Aster. Flowers are double and well-formed,  $3\frac{1}{2}$  inches across, of splendid substance, on long, erect stems. Plants grow 18 inches high and bloom profusely. Mixed colors.  
.....  $\frac{1}{8}$  oz. 30c; pkt. 10c

### GIANT MAMMOTH PEONY FLOWERED (Midseason)

- 1140 A superb strain with immense double flowers of perfect form, borne on long stout stems characteristic of the true Peony flowered type. Wonderful for cut flowers and a splendid keeper and shipper. Plants grow  $2\frac{1}{2}$ -3 ft. tall, and bloom from July until frost. Finest mixed colors.....  $\frac{1}{8}$  oz. 35c; pkt. 15c

### HARDY ASTER or MICHAELMAS DAISY (Perennial)

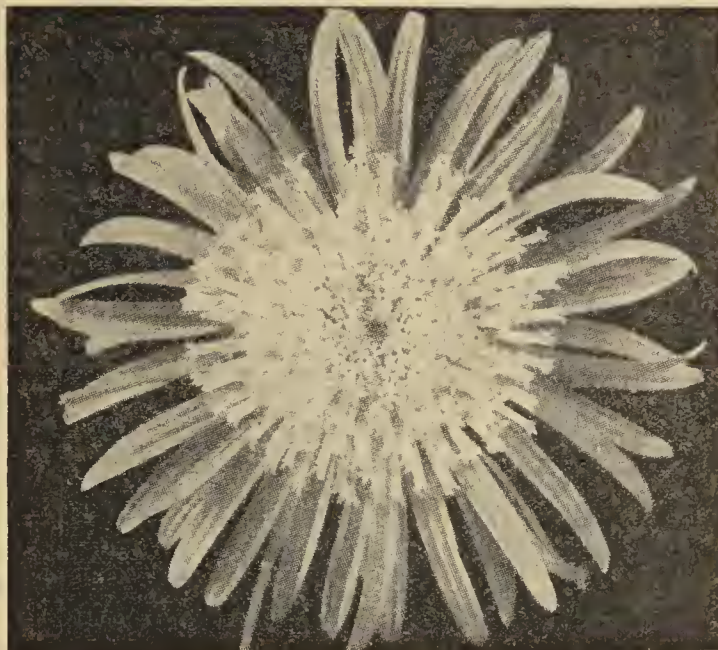
- 1145 Height 2-3 ft. Splendid for permanent position in the hardy border, where their masses of brightly colored, dainty blossoms live up the garden in late autumn. The colors are shades of blue, pink and white. Plants form large, bushy clumps which should be divided and reset every 3 years.....Pkt. 15c

### GIANT COMET or OSTRICH FEATHER (Midseason) Wilt Resistant

- 1146 The finest and largest of all Comet type asters. The massive chrysanthemum like flowers are borne on stems 12-18 inches long. The petals are charmingly curled and interlaced, giving a light feathery effect. The plants of luxuriant branching growth, attain a height of  $2\frac{1}{2}$  feet. Should be grown in every garden where quality is appreciated. Finest mixed colors.....  $\frac{1}{8}$  oz. 30c; pkt. 10c



Aster Giant Mammoth Peony Flowered.



Aster New Giant California Sunshine with individual blooms 5-6 inches across.

For Aster Plants, see pages 56 and 57.



American Beauty Asters.

### SUPER GIANT LOS ANGELES (Midseason)

- 1148 The largest, finest and most fully double aster yet developed. The flowers are 6-8 inches across with feathery interlacing petals. Color, a soft shell pink, blending to creamy pink center. Plants  $2\frac{1}{2}$ -3 feet tall.....Pkt. 20c

### SUPER GIANT EL MONTE (1936 All America Selections)

- 1149 This sensational new aster is a companion in size and type to the Super Giant Los Angeles introduced a year ago. The color is a rich, glowing crimson. See illustration in color on inside front cover.....Pkt. 25c

### AURORA ASTERS

The delicate beauty and coloring of these asters is hard to describe. The flowers are fully double, with an attractive crest-like center of good substance and fine depth of petal. Height of plant 2 feet, with upright stems.

- 1150 Azure Blue. A lovely blue with yellow quill center.....Pkt. 15c  
1151 Golden Sheaf, Wilt Resistant. Beautiful deep yellow.....Pkt. 20c

### GIANT CALIFORNIA SUNSHINE ASTERS (Midseason)

- 1169 The most beautiful and artistic of all asters. The flowers have cushion centers of light yellow tubular petals, surrounded by broad guard petals of pink, rose, blue or lavender, producing a wonderful color contrast, and presenting an airy, lace-like effect. Individual blooms are 5-6 inches in diameter, on long, stiff stems. Plants  $2\frac{1}{2}$ -3 feet high. Mixed colors.....  $\frac{1}{8}$  oz. 35c; pkt. 15c

### HEART OF FRANCE

- 1175 Conceded to be the finest red aster. Its remarkable color of rich glowing red, deepens with age. The flowers are of good size, very full and double, and are borne on long stiff stems. Plants are of strong branching habit,  $1\frac{1}{2}$ -2 feet tall .....Pkt. 15c

Paper Pots and Plant Bands guard young plants against cutworms.  
See page 26 for description and prices.

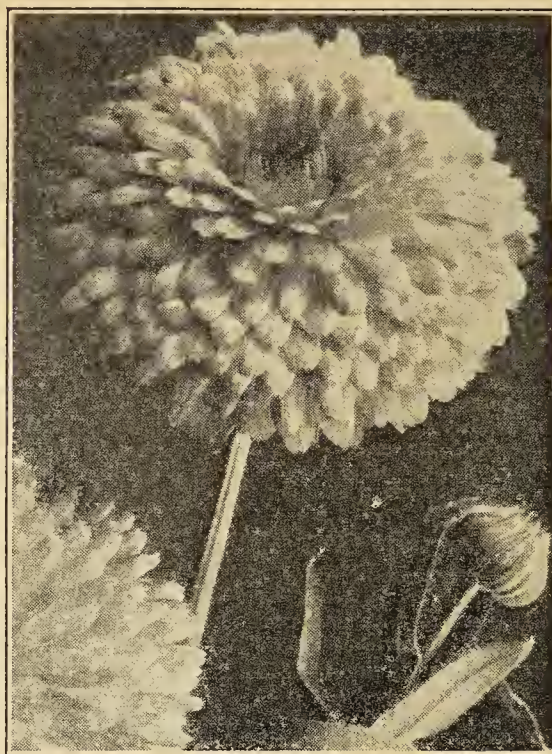


# Grow the New Improved CALENDULAS

## CALENDULA or Pot Marigold (Annual)

An old-fashioned annual which has been greatly improved in color, form and size by plant breeding. The fine new varieties are indispensable for cutting. Easily raised from seed, the plants are bushy and grow about 2 feet high. Bloom from early summer to frost.

- 1214 **Chrysantha or Sunshine.** Large double flowers of beautiful form and clear golden yellow color. The long center petals curl inward, giving the flower a chrysanthemum-like appearance.....Pkt. 10c
- 1215 **Orange Shaggy.** Unique and graceful in appearance, with long, deeply fringed petals overlapping each other in irregular fashion. Deep orange color, shading to lighter orange in center.....Pkt. 20c
- 1216 **Golden Radio.** Deep brilliant orange, with beautifully quilled petals.....Pkt. 15c
- 1217 **Campfire or Sensation.** Bright glowing orange, with a distinct crimson or scarlet sheen. Best forcing Calendula....Pkt. 15c
- 1218 **Nankeen.** Cream, flushed apricot. Very attractive.....½ oz. 20c; pkt. 5c
- 1219 **Finest Double Mixed.** ½ oz. 20c; pkt. 5c



Calendula Campfire or Sensation.

## CALIFORNIA POPPY, Eschscholtzia, pg. 47

## CALLIOPSIS, Golden Wave (Annual)

- 1222 Height 2-3 ft. Plants are much branched and produce an abundance of showy flowers in various shades of crimson, orange and gold, all summer.. ¼ oz. 30c; pkt. 10c

## CAMPANULA, Canterbury Bells (Annual)

- 1224 Height, 2-2½ ft. Blooms from seed in less than six months. Seed started in February will bloom in July. Plants bear from 6-8 flower spikes. The mixture includes blue, rose and white.....Pkt. 15c

## CAMPANULA, Canterbury Bells (Biennial)

Plants form perfect pyramids about 2 feet high, and produce beautiful bell-shaped flowers on long upright stems. Bloom in early summer.

- 1225 **Single Canterbury Bells.** Mixed colors, rose, blue and white.....Pkt. 10c
- 1226 **Double Canterbury Bells.** Mixed colors, pink, blue and white.....Pkt. 10c
- 1232 **Cup and Saucer Canterbury Bells.** Its very large calyx is the same color as the corolla, giving the flower the appearance of a cup and saucer. Mixed colors...Pkt. 10c

## CANARY BIRD VINE (Annual Climber)

- 1235 Height 15-20 ft. Dainty cut foliage and curious bird-like blossoms of a clear canary yellow. Splendid for covering stumps, trellises or fences.... ½ oz. 25c; pkt. 10c



Chrysanthemum, Shasta Daisy.

## CANDYTUFT (Annual)

Dwarf plants admirably adapted to beds, edging, pots and borders. Will thrive anywhere, and blooms profusely throughout the summer. Fine for cutting.

- 1240 **Giant Hyacinth-Flowered.** 1 ft. Enormous spikes of snow-white flowers.....¼ oz. 25c; pkt. 10c
- 1242 **Finest Mixed.** All colors.....¼ oz. 15c; pkt. 10c

## CANDYTUFT, IBERIS (Perennial)

- 1243 **Sempervirens.** 1 ft. Dwarf evergreen plants covered with white flowers in spring and early summer. Fine for borders and the rock garden.....½ oz. 60c; pkt. 15c

## CARDINAL CLIMBER (Annual)

- 1245 Height 20 ft. A strong rapid-growing climber with fine fern-like foliage and clusters of bright red flowers from midsummer to frost. Very showy and attractive.....Pkt. 10c

## CARNATION, Giant Flowering (Annual)

Bloom profusely in summer and fall from seed sown in early spring. The large double flowers are borne on long stiff stems, and have a delicious spicy fragrance. Plants may be taken up in the fall and potted for indoor winter blooming.

- 1251 **Double Red Carnation.** Very large flowers of rich glowing crimson.....½ oz. 75c; pkt. 15c
- 1252 **Giant Marguerite Mixed.** Colors: pink, red, striped and white.....½ oz. 35c; pkt. 10c

## CASTOR BEAN, see Ricinus, page 52

## CELOSIA or Cockscomb (Annual)

- 1255 **Cristata.** Height 12-18 in. Large ornamental flower-heads frilled and corrugated like a cock's comb. Mixed colors.....Pkt. 8c
- 1256 **Childsi, (Chinese Wool Flower).** Height 3 ft. Large globular flower-heads, resembling balls of wool chenille, of a rich bright red color. Bloom from early summer to frost.....Pkt. 10c
- 1258 **Plumosa.** Height 3½ ft. Forms pyramidal branching plants with large feathery flower-heads, ranging from orange to deep crimson. Mixed colors.....Pkt. 8c

## CENTAUREA Cyanus (Annual)

**Bachelor's Button or Cornflower.** 2 ft. Of easy culture, showy in the garden and splendid for cutting. If the seed is sown broadcast together with the seed of annual poppies, they will bloom at the same time producing a beautiful color effect.

- 1268 **Double Blue.**.....½ oz. 30c; pkt. 10c
- 1269 **Double Mixed**.....½ oz. 30c; pkt. 10c
- 1278 **Sweet Sultan. (Imperialis.)** 2-3 ft. Handsome artistic flowers, resembling the blossoms of thistles, delightfully fragrant, fluffy and double; on long smooth stems, fine for cutting. Mixed colors...Pkt. 10c
- 1280 **Dusty Miller.** 1 ft. Compact plants with finely cut silver-gray foliage. Extensively used for beds and edgings.....Pkt. 10c

## CHRYSANTHEMUM (Annual)

- 1285 Height 20 in. Produce long, stiff-stemmed, daisy-like flowers in attractive color combinations of yellow, brown, red, white and rose. Bloom abundantly during the summer and are fine for cutting. .... ½ oz. 25c; pkt. 10c

## CHRYSANTHEMUM, Shasta Daisy (Perennial)

- 1290 Height 2 ft. June-Aug. Bears large white flowers on long stems; invaluable for cutting. Very free flowering.....Pkt. 10c

## CHINESE LANTERN, see Physalis, page 51

## CHRISTMAS CHERRY, see Solanum, page 52

## CLARKIA (Annual)

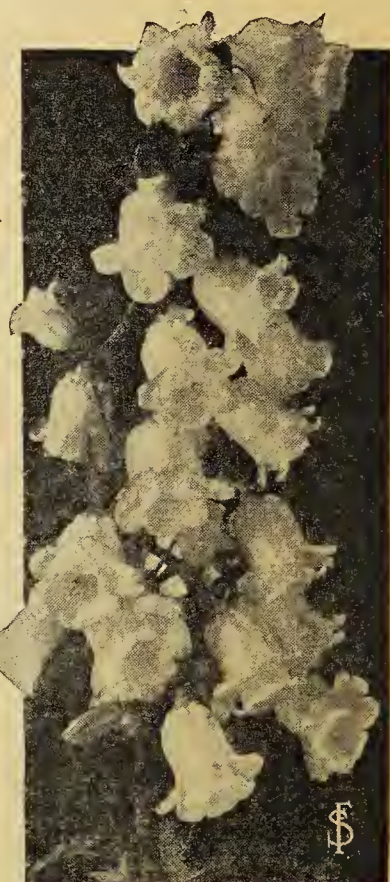
- 1300 **Elegans Double Mixed.** Height 2 ft. Plants send up a mass of slender, upright branches, with each branch covered for almost its entire length with charming rosette-like flowers, resembling the sprays of Flowering Almond. Sprays cut before buds open, will last until all of the flowers have developed. For a beautiful table bouquet, combine with Baby's Breath and Anchusa. .... ¼ oz. 50c; pkt. 10c

## CLEOME, Spider Plant (Annual)

- 1302 Height 3-4 ft. Striking plants with large interesting flowers of vivid rose, with long thread-like stamens extending out beyond the petals. Thrive in sandy soil and sunny position.....Pkt. 10c

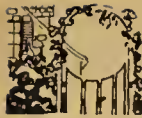
## Perennial Plants

on Page 33.



Campanula, Canterbury Bells.





# Flowers add Charm to your Home



## COBAEA SCANDENS or Cathedral Bells (Annual Climber)

- 1303 Height 15-20 ft. A rapid-growing, handsome climber with beautiful bell-shaped flowers 1½ inches across and 2 inches long. Flowers open a clear green, gradually changing to deep violet blue. Particularly desirable for covering arbors, walls, etc.....Pkt. 10c

## COLEUS (Tender Perennial)

- 1305 Height 12-18 in. Handsome foliage plants valuable for bedding, borders and window boxes. The leaves are large of various shapes, marked and bordered in brilliant color combinations. Finest mixed.....Pkt. 10c

## COLUMBINE, see Aquilegia, page 44

## COREOPSIS (Perennial)

Height 2 ft. Large orange-yellow flowers on long graceful stems. Bloom profusely during the summer and fall, affording a constant supply of cut flowers.

- 1308 Mayfield Giant. Tall vigorous plants with long stiff stems and very large flowers of rich golden yellow.....Pkt. 15c  
1309 Double Yellow. This new form is very popular, the extra petalage adding a further charm to the immense bright yellow flowers. ....Pkt. 15c

## COSMOS (Annual)

Plants form fine symmetrical bushes of feathery green foliage covered with lovely long-stemmed flowers from July until frost.

- 1310 Early Flowering Mammoth Mixed. 4-6 ft. Contains soft shades of crimson, rose, pink and lavender.....Pkt. 10c  
1311 New Early Giant Flowering Cosmos "Sensation." Winner of Award of Merit All-America Selections for 1936. Blooms eight weeks from sowing, and surpasses all existing strains in size of flowers. The mammoth blooms of pink and white are from 4-6 inches across. Unexcelled for cutting.....Pkt. 50c  
1312 Early Klondyke Orange Flare. 3 ft. Blooms in less than 4 months from seed. Flowers are a deep brilliant orange, with handsome light green foliage.....Pkt. 15c  
1314 Double Early Flowering Mixed. 3-4 ft. Combines the beauty of the double-crested with the earliness of the single type. Colors are shades of crimson, pink and white.....Pkt. 15c



Digitalis—Foxglove.

## DATURA, Angel's Trumpet (Annual)

- 1325 Cornucopia. 2-3 ft. Large strong-growing plants with immense trumpet-shaped, fragrant flowers of creamy white with violet markings. Blooms from early summer to fall....Pkt. 5c

## DELPHINIUM or Hardy Larkspur (Perennial)

Tall stately perennials unequalled for massing in the hardy garden or among shrubbery. The plants are of strong healthy habit with handsomely cut foliage and produce immense spikes of beautiful flowers in June and again in September.

- 1333 Bellamosum. Rich, deep blue.....Pkt. 20c  
1334 Belladonna. Clear turquoise blue....Pkt. 15c  
1335 Gold Medal Hybrids. Flowers range in color from pale lavender to deep blue, with many of them double flowered.....Pkt. 15c  
1336 Wrexham Hollyhock Flowered Strain. Produces spikes of enormous size, with individual blooms from 1½ to 2 inches in diameter, many of them bicolor.....Pkt. 25c  
1338 Chinese Delphinium "Blue Butterfly." Rarely grows over 3 ft. high, and blooms the first year if seed is sown early. The plants are graceful with fern-like foliage, and the flowers which grow in panicles are of an intense gentian-blue. Lovely for the border and for cutting.....Pkt. 15c

## DIANTHUS or China Pinks (Annual)

Easily raised from seed, they bloom abundantly and continuously from early summer until frost.

- 1340 Sweet Wivelsfield. A splendid border and cut flower. The blooms are larger than Sweet William, with beautiful brilliant colorings and markings.....Pkt. 10c  
1341 Heddegi Laciniatus. Double Mixed. 1 ft. Brilliant colors, mauy striped and mottled.....¼ oz. 25c; pkt. 10c  
1348 Heddegi Laciniatus. Single Mixed. 1 ft. Very large fringed flowers ranging from white to deep crimson. Mixed colors.....¼ oz. 25c; pkt. 10c

## DIANTHUS Clove or Grass Pinks (Perennial)

- 1351 Plumarius. Single and Double Mixed. 1 ft. Charming old-fashioned flowers cherished for their spicy fragrance and rich coloring. Fine for rock gardens and edgings.....¼ oz. 25c; pkt. 10c

## DIANTHUS BARBATUS, see Sweet William

## DIDISCUS, Blue Lace Flower (Annual)

- 1354 Height 2-3 ft. Clusters of lovely umbel-shaped flowers, 2 to 3 inches across are produced from July to frost. The color is an exquisite shade of clear lavender-blue. A very desirable cut flower.....¼ oz. 25c; pkt. 10c

## DIGITALIS or Foxglove (Perennial)

- 1355 Height 3-5 ft. June-July. Showy plants producing many tall spikes closely set with large Gloxinia-like flowers of white, pink, rose and crimson, with beautiful throat markings of purple or maroon. Mixed colors..Pkt. 10c

## DOLICHOS, Hyacinth Bean (Annual Climber)

- 1357 Height 10 ft. Large dark green leaves and erect racemes of purple and white flowers, followed by ornamental seed pods of a shining bronze-purple. Grows rapidly. Oz. 25c; pkt. 10c.

## ENGLISH DAISY, see Bellis, page 44

## ESCHSCHOLTZIA, California Poppy (Annual)

The plants are of low spreading growth with finely cut foliage, and produce bright poppy-like flowers from early summer until frost. Attractive for bedding and edging.

- 1361 Aurantiaca. Rich orange; the true California poppy.....¼ oz. 35c; pkt. 5c  
1368 Brilliant Mixed. Colors include crimson, pink and orange-scarlet.....¼ oz. 35c; pkt. 5c



Eschscholtzia—California Poppy.

## Grow Dahlias from Seed

- 1320 Dahlia, Zulu Strain. Early Dwarf Double Hybrids. A new bedding strain. Blooms in 4 months from sowing. The bushy, compact plants grow 2 ft. tall and flower profusely. Colors, various shades of crimson, red and orange.....Pkt. 25c



Double Coreopsis

## CYNOGLOSSUM or Chinese Forget-Me-Not (Annual)

- 1318 Amabile. 18-24 in. Of easy culture, producing large sprays of bright blue Forget-me-not-like flowers all summer. Splendid in bouquets.....Pkt. 15c

## CYPRESS VINE (Annual Climber)

- 1319 Height 10-15 ft. A good vine for training on a light ornamental trellis. Bears a profusion of star-shaped scarlet and white blossoms from midsummer to frost. Fine fern-like foliage.. ½ oz. 20c; pkt. 5c



Delphinium—Hardy Larkspur.



# BRIGHTEN *Dull* GARDENS with Colorful FLOWERS

## EUPHORBIA "Snow on the Mountain" (Annual)

1370 Variegata. Height 2 ft. Ornamental foliage plants of bush-like form and branching habit, with clusters of inconspicuous flowers. Light green leaves broadly margined with white.....Pkt. 10c

FEVERFEW, see *Matricaria*, page 50.

FORGET-ME-NOT, see *Myosotis*, page 50.

FOUR O'CLOCKS, see *Marvel of Peru*, page 49.

FOXGLOVE, see *Digitalis*, page 47.

## GAILLARDIA or Blanket Flower (Annual)

1380 *Lorenziana* Double Finest Mixed. 18 in. Brilliant and effective either for garden decoration or cutting. The colors range from light lemon-yellow to deep orange or scarlet, with striking bands and flecks of crimson. Gaillardias delight in a warm, sunny location and light, open, well-drained soil. Sow the seed where they are to bloom..... $\frac{1}{8}$  oz. 25c; pkt. 10c

## GAILLARDIA GRANDIFLORA (Perennial)

One of the few perennials that flower continuously from June to October. They thrive in any position or soil and are perfectly hardy. Invaluable for cutting.

1381 *The Dazzler*. 2 ft. Large golden-yellow flowers with rich maroon centers.....Pkt. 15c

1382 *Burgundy*. 2 ft. Shining wine-red flowers,  $2\frac{1}{2}$  in. in diameter on long, stiff stems.....Pkt. 20c

## GERANIUM (Tender Perennial)

1384 *Zonale*. Of easy culture, producing blooming plants the first summer from spring-sown seed. Valuable for bedding, borders, window boxes and house culture. Mixed colors.....Pkt. 10c

## GEUM (Perennial)

1386 *Mrs. Bradshaw*. 2 ft. Dwarf tufted plants from which rise tall, graceful stems bearing large double flowers of a striking orange-scarlet. If the old stems are kept cut back, they will bloom throughout the summer.....Pkt. 20c

## GILIA, Queen Anne's Thimble (Annual)

1387 *Capitata*. 2 ft. Erect, bushy plants with fine feathery foliage and globe-shaped flowers of a rich lavender-blue. Good for cutting, as the blooms last well in water.... $\frac{1}{4}$  oz. 25c; pkt. 10c

## GODETIA or Satin Flower (Annual)

1388 Upright Single Finest Mixed. 15 in. An unusual garden flower and exceedingly lovely for cutting. The flowers are large and trumpet-shaped, and come in shades of pink, white and crimson. The petals have a rich, satiny texture and look as though dusted with pulverized diamonds. Thrive best in cool, deep soil.....Pkt. 10c



Gaillardia Lorenziana, Double Finest Mixed.

Flowers for Winter Bouquets should be cut just before they are fully open and hung heads downward in small bunches in a well ventilated, dry, shady place. Flowers suitable for drying are *Acroclinium*, *Gilia*, *Gomphrena*, *Gypsophila*, *Helichrysum*, *Liatris*, *Lunaria*, *Physalis* and *Statice*.



Hollyhock, Double Imperator Improved.

## GOMPHRENA, Globe Amaranth (Annual)

1390 Height 18-24 in. Bushy plants with clover-like blossoms of purple-red, yellow, rose and white. Very attractive in winter bouquets. They should be cut before they are fully open.....Pkt. 10c

## GOURDS, ORNAMENTAL (Annual Climber)

1393 Small Varieties Mixed. 15-20 ft. Useful for covering arbors, fences, etc. The flowers are often beautiful, and the fruits are oddly shaped and quaintly marked and colored. They make unique table decorations and interesting toys for children ..... $\frac{1}{2}$  oz. 20c; pkt. 10c

## GRASSES, ORNAMENTAL (Annual)

1395 Ornamental Mixed. 2-5 ft. Useful for winter bouquets when combined with Everlasting flowers. Easily grown in any soil.....Pkt. 10c

1396 *Coix Lachrymae*. (Job's Tears.) Broad glistening leaves. The seeds are hard and shiny and can be strung and used as beads.....Pkt. 5c

## GYPSOPHILA or Baby's Breath (Perennial)

1410 *Pacifica*. New rose-pink form, coming into bloom after the paniculata variety has passed..Pkt. 25c

1415 *Paniculata*. 2-3 ft. Plants are branchy and spreading with stiff, wiry stems and minute white flowers, producing a graceful misty effect. Used extensively with cut flowers as well as for winter bouquets ..... $\frac{1}{4}$  oz. 25c; pkt. 10c

## GYPSOPHILA (Annual)

Graceful branching plants with clusters of delicate flowers about one-half inch across. Beautiful in bouquets with other flowers.

1416 *Elegans Grandiflora Alba*. 1-2 ft. Large-flowering pure white..... $\frac{1}{2}$  oz. 20c; pkt. 5c

1417 *Elegans Grandiflora Rosea*. 1-2 ft. Beautiful soft pink ..... $\frac{1}{2}$  oz. 20c; pkt. 5c

HELIANTHUS, see *Sunflower*, page 52.

## HELICHRYSUM, Everlasting or Strawflower (Annual)

1425 Height 2-3 ft. Large double flowers, 1-1 $\frac{1}{2}$  in. across, are produced all summer. Colors range from yellow, orange, red and rose to white. Splendid for winter bouquets..... $\frac{1}{4}$  oz. 25c; pkt. 10c

## HELIOPSIS, Orange Sunflower (Perennial)

1428 *Pitcheriana*. 3-4 ft. Large golden yellow flowers, 2 in. across, are produced on long stiff stems. Brilliant in the garden and fine for cutting. Blooms all summer. ....Pkt. 10c

## HEUCHERA or Coralbells (Perennial)

1430 *Sanguinea Splendens*. 18-24 in. July-Aug. The plants form tufts of lobed leaves, from which rise tall, slender stems bearing dainty, bell-shaped flowers of coral-red. Beautiful in the border and for cutting.....Pkt. 15c

## HOLLYHOCKS, (Perennial)

Stately ornamental plants 6 to 8 feet high, indispensable for the background of perennial borders, and charming when grouped together in bold masses. Bloom in July and August.

1434 *Double Imperator Improved*. A wonderful new type, with large fringed flowers 6 inches across, the center forming a double rosette. Colors range from delicate pink through cerise-salmon.....Pkt. 20c

1437 *Double Mixed*. Colors: yellow, salmon, rose, red and maroon..... $\frac{1}{4}$  oz. 50c; pkt. 10c

1440 *Annual Everblooming*. 3-5 ft. Valuable for sowing where hardy Hollyhocks have failed to survive. Start seed indoors, set plants out in May, and they will commence blooming in July. Mixed colors..... $\frac{1}{4}$  oz. 35c; pkt. 10c

## HUNNEMANNIA or Tulip Poppy (Annual)

1444 *Semi-Double Sunlite*. Height 18 in. July to September. Flowers are a beautiful clear canary-yellow color, about 3 in. across. Unlike other double flowers, this novelty develops a band of short petals on the outside of the cup, which adds to its size and attractiveness.....Pkt. 20c

IBERIS, see *Candytuft*, page 46.



Brightly colored gourds arranged in a bowl or basket make an unusual center-piece for the table.



Gaillardia and Gypsophila (Baby's Breath.)



# The New MARIGOLDS are Superb for Cutting

## ICE PLANT (Annual)

- 1446 *Mesembryanthemum Crystallinum*. Height 6 in. A curious trailing plant, with thick succulent leaves which are covered with glistening ice-like globules. The flowers are pinkish-white. Very popular for rock gardens and dry sunny borders.....  
..... ¼ oz. 15c; pkt. 5c

## KOCHIA, Summer Cypress (Annual)

- 1465 Height 2-2½ ft. Plants are erect, much-branched and densely pyramidal resembling small closely-sheared evergreens. Foliage is feathery soft bright green, turning to red in fall ..... ¼ oz. 25c; pkt. 10c



Lunaria—Honesty

## LARKSPUR, Giant Imperial (Annual)

One of the gayest of the summer-blooming annuals, and especially valuable for cutting. The spikes are heavily covered with fully double flowers; individual florets are large and closely placed on the stems. Height 3-4 feet.

- 1470 Blue Bell. Azure blue.  
1471 Blue Spire. Deep violet-blue.  
1472 Exquisite Rose. Rose-pink.  
1473 Miss California. Deep rose on salmon.  
1475 Giant Imperial Mixed.

Each of the above, ¼ oz. 40c; pkt. 10c

Perennial Larkspur, see *Delphinium*, page 47.

## LATHYRUS, Perennial Pea (Perennial Climber)

- 1480 *Latifolius*. 6-8 ft. A decorative vine for growing on a trellis or fence. The flowers are borne in large clusters all summer, and are splendid for cutting. Mixed colors: rose, white and crimson. Once established, the roots should not be disturbed ..... Pkt. 10c

## LEPTOSIPHON (Annual)

- 1484 French Hybrids. 8-12 in. A charming annual for borders and beds. When planted in masses they form a sheet of trumpet-shaped flowers, ranging from yellow to rose and ivory. Bloom all summer ..... Pkt. 10c

## LIATRIS, Gay Feather or Blazing Star (Perennial)

- 1485 *Pycnostachya*. 4 ft. Thick grass-like foliage and long narrow spikes of rich purple flowers from July to September. Much in demand for cutting purposes as the flowers last long in water. They may also be dried and used in winter bouquets ..... Pkt. 15c

## LINARIA, Maroccana (Annual)

- 1486 Height 12-18 in. Flowers are small and dainty, resembling miniature snapdragons. The colors range through crimson and gold, pink, mauve, blue and rose. Bloom in about 8 weeks from seed and are excellent for cutting..... Pkt. 15c

## LUNARIA or Honesty (Biennial)

- 1487 Height 2 ft. Has purple flowers followed by shiny silvery seed pods. It is called "Honesty" because the seeds can be seen through the pods. Very attractive in winter bouquets combined with *Physalis* and other Everlastings..... Pkt. 10c

## LOBELIA, Crystal Palace (Annual)

- 1489 Height 6 in. Plants form compact little bushes covered with brilliant, deep blue flowers throughout the summer. Desirable for edgings, bedding and pot culture. .... ½ oz. 50c; pkt. 10c

## LUPINS, Hartwegii (Annual)

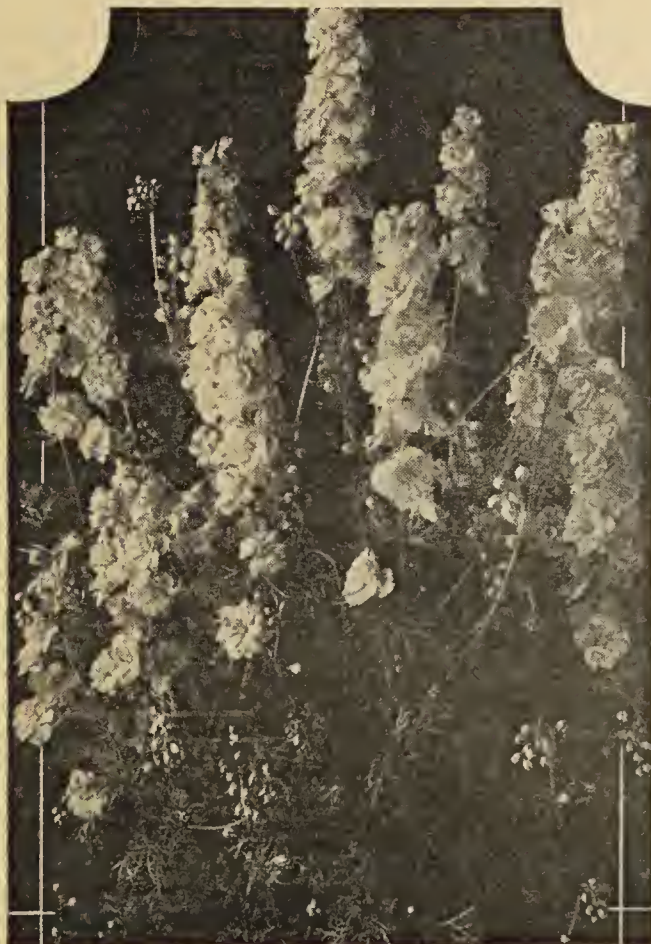
- 1493 Height 2 ft. Plants are of robust branching habit with deeply cut dark foliage, and tall graceful spikes of pea-shaped flowers in delicate shades of blue, lavender, pink and white. Fine for cutting. If cut as they mature the plants will continue to bloom. .... ½ oz. 25c; pkt. 10c

## LUPINS, Polyphyllus (Perennial)

- 1494 Height 3-4 ft. May be classed among the most beautiful of all hardy flowers. The plants form tufts of deeply cut dark green foliage, from which arise the stately spikes of bloom in delicate shades of blue, mauve, pink and yellow..... Pkt. 10c



Marigold Dixie Sunshine.  
Outstanding Novelty of the 1936 Season.



Larkspur, Giant Imperial.



French Marigold, Tall Double Royal Scot.

## LYCHNIS, Chalcedonica (Perennial)

- 1495 Jerusalem Cross. Height 2-3 ft. One of the brightest plants for the hardy border. Bears large heads of brilliant scarlet flowers, each blossom forming a Maltese cross. Blooms in spring..... Pkt. 10c

## MARIGOLD, Tagetes (Annual)

Of easy culture and exceedingly free flowering, Marigolds provide a wealth of color from early summer until frost.

### Marigold Novelty Strains

- 1496 Dixie Sunshine. An entirely new Chrysanthemum-flowered type. It comes 100% fully double and is without the familiar strong Marigold odor. The brilliant golden yellow flower is composed of five-petaled florets, gracefully interlocking and daintily fringed in effect. The tall bushy plants are smothered with blooms from August to frost.... Pkt. 20c  
*Seed must be started indoors in March.*

- 1499 Guinea Gold. Flowers are a brilliant orange color, semi-double and loosely ruffled. The plants are of graceful, pyramidal habit, grow 2½ feet high and are covered with blossoms. Its excellent keeping qualities and beautiful golden color make Guinea Gold ideal for cutting. .... ¼ oz. 40c; pkt. 10c

### Double African Marigolds

- 1500 Lemon Queen. 30 in. Large double-quilled flowers of lemon yellow..... ½ oz. 30c; pkt. 10c  
1501 Prince of Orange. 30 in. Immense double-quilled flowers with ends of petals slightly frilled. Color is a deep golden orange ..... ½ oz. 30c; pkt. 10c  
1502 Finest Mixed Varieties. All shades from pale yellow to deep orange..... ¼ oz. 20c; pkt. 5c

### French Marigolds

- 1504 Tall Double Royal Scot. One of the most striking color combinations yet introduced. The large, double well-furrowed flowers are produced in abundance on plants 24-30 inches in height. The color is a bold combination of mahogany and gold in symmetrical stripes, which radiate from the center of the flower.... ¼ oz. 50c; pkt. 10c  
1505 Dwarf Double Monarch Mixed. A very compact type with large double flowers comprising a wide range of colors, in combinations of orange, bronze, yellow and mahogany. Splendid for borders and edging ..... ¼ oz. 20c; pkt. 5c



# New Colors in <sup>SWEET SCENTED</sup> Double Nasturtiums

## MARVEL OF PERU or Four O'Clock (Annual)

1510 Height 2-3 ft. Erect, bushy plants with dense glossy foliage and hundreds of long tubed, funnel-shaped flowers of white, yellow, crimson or striped. They remain closed until 4 o'clock in the afternoon when the plants become a glowing mass of color.....Oz. 25c; pkt. 5c

## MATRICARIA, Feverfew (Tender Perennial)

1512 Capensis. 18-24 in. Plants are bushy in growth, with finely cut leaves and clusters of small, tightly double, white flowers. Excellent for pot plants, bedding and cutting.....Pkt. 10c

## MATTHIOLA, see Stock, page 52

## MIGNONETTE, Reseda (Annual)

1516 Machet. 12-15 in. Immense compact spikes of blossoms with a delicate fragrant odor are produced throughout the summer and until late in the fall. Fine for cutting..... $\frac{1}{4}$  oz. 25c; pkt. 10c

## MORNING GLORY, Ipomea (Annual Climber)

Beautiful vines of luxuriant growth, covered with large, variously colored flowers all summer. Splendid for covering trellises, arbors and porches.

1525 Moonflower. Immense pure white fragrant flowers that open at night and on cloudy days..... $\frac{1}{2}$  oz. 25c; pkt. 10c

1526 New Heavenly-Blue. Vines are a mass of lovely sky-blue flowers, 2 $\frac{1}{2}$ -3 inches across, from early summer to frost.....Pkt. 15c

1527 Japanese Mixed. Flowers are ruffled and fluted from throat to margin. Colors: red, rose, garnet, blue, purple, etc..... $\frac{1}{2}$  oz. 20c; pkt. 5c

1528 Brazilian Morning Glory. Rosy purple..... $\frac{1}{2}$  oz. 25c; pkt. 10c

## MOSS ROSE, see Portulaca, page 51

## MOURNING BRIDE, see Scabiosa, page 52

## MYOSOTIS or Forget-Me-Not (Perennial)

1535 Height 4-9 in. Plants are of compact habit with large clusters of exquisite clear blue flowers. Flourish in moist shady positions. Require winter protection. ....Pkt. 10c

The seed shells of Nasturtiums, Sweet Peas, Lathyrus and Morning Glories are very hard, and should be soaked in warm (not hot) water for 24 hours before planting to hasten germination.



Nasturtium Glorious Gleam Hybrids.

### ATTRACTIVE FLOWER EDGINGS

Ageratum Blue Cap with Petunia Rose of Heaven.  
Alyssum Little Gem Mixed with Alyssum Lilac Queen.  
Petunia Violacea with Nemesis Orange Prince.

## NEMESIA (Annual)

Dwarf annuals which make pleasing masses of low growth for foreground beds and edging. The orchid-like flowers are often an inch across.

1538 Strumosa Grandiflora. 1 ft. A splendid strain of large flowered sorts, ranging in color from yellow, orange and blue to red.....Pkt. 15c

1539 Nana Compacta Orange Prince. 8 in. Brilliant orange blooms on round compact plants.....Pkt. 20c

## NEMOPHILA, "Baby Blue Eyes" (Annual)

1537 Height 6 in. Blooms quickly from seed and continuously from spring until frost. Showy bell-shaped flowers in shades of blue, white and violet. Fine for edging and borders. Prefers a moist, partially shaded position.....Oz. 30c; pkt. 10c

## NASTURTIIUM (Annual)

Exceedingly effective are the gay Nasturtiums. They produce an abundance of fragrant, brilliantly colored flowers within 4 to 6 weeks after sowing. The new double-flowering types are especially fine for cutting.

1570 Double Golden Gleam. The large, double sweet scented golden yellow flowers are borne profusely on long stiff stems. Plants form vigorous bushes of semi-trailing habit, the runners averaging 18 inches.....Oz. 20c; pkt. 10c

1571 Double Scarlet Gleam. The fiery scarlet flowers are semi-double with ruffled petals; they are uniformly well formed, with individual blooms almost 3 inches across. Plants are half dwarf, bushy with few short runners. For cutting or garden use Scarlet Gleam has but few equals.Pkt. 20c

1572 Double Glorious Gleam Hybrids. A hybrid mixture of gorgeously colored, large, well-formed flowers. Plants are semi-dwarf, throwing short runners from well-rounded bushes. The flowers are borne on long stems well above the foliage, giving the effect of a solid mass of color. The color range includes salmon, yellow, cream, orange, scarlet, maroon and many spotted varieties.....Pkt. 15c

1573 Dwarf Double Golden Globe. Flowers are identical in size and color with Golden Gleam, deep golden yellow and sweet scented. The plants are entirely without runners, dwarf, compact and very free flowering. Golden Globe is ideal for border and edging use, as it grows only 9 to 12 inches high.....Pkt. 25c

1574 Dwarf Mixed. 1 ft. Giant flowers in a great variety of charming color combinations as well as the brilliant self-colored sorts..... $\frac{1}{4}$  lb. 40c; oz. 15c pkt. 8c

1598 Tall Giant Flowering Mixed. 6-10 ft. Large velvety flowers of various colors are borne on tall stiff stems. Excellent for hanging baskets and window boxes or may be trained on fences. .... $\frac{1}{4}$  lb. 40c; oz. 15c; pkt. 8c

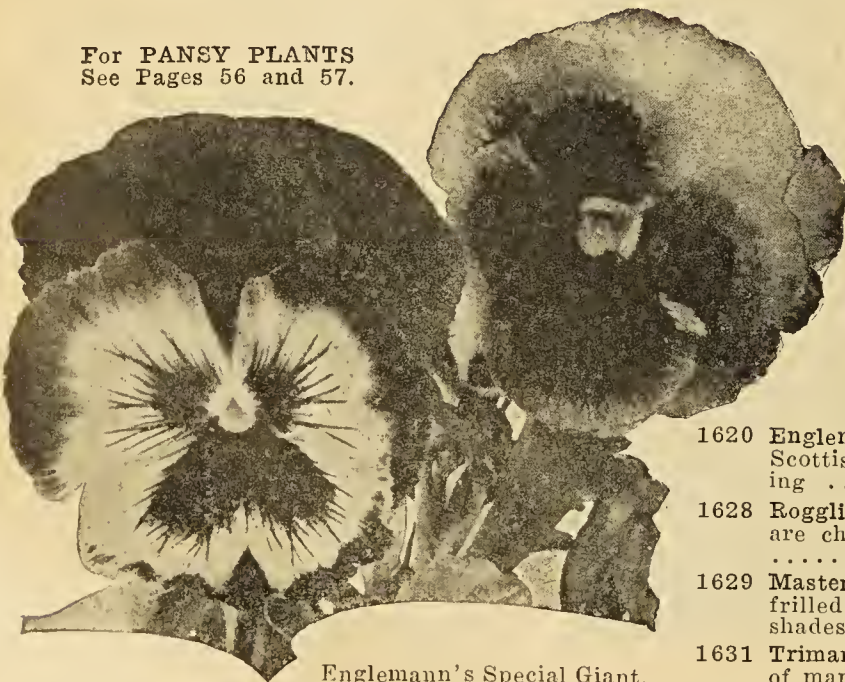
## NICOTIANA, Flowering Tobacco (Annual)

1540 Height 2-3 ft. Plants are of branching habit, and bloom continuously from early summer until frost. The flowers resemble petunias, but have a longer tube. They open toward evening and emit a heavy fragrance. Hybrids mixed..... $\frac{1}{4}$  oz. 25c; pkt. 10c

## NIGELLA, Love-in-a-Mist (Annual)

1545 Miss Jekyll. Height 18 in. Plants are compact and free-flowering with finely-cut foliage and large semi-double flowers of a lovely cornflower-blue on long stems..... $\frac{1}{4}$  oz. 30c; pkt. 10c

For PANSY PLANTS  
See Pages 56 and 57.



Englemann's Special Giant.

## GIANT PANSIES

The seed may be started indoors in February or in a cold frame in March, in carefully pulverized rich soil. Transplant to open ground in May. If flowers are picked regularly, the plants will continue to bloom until frost. Protect with a mulch of straw, or similar material in fall, and they will endure hard winters with perfect safety.

### ROGLLI GIANT STRAINS

1606 Alpenglöw. Beautiful cardinal and garnet red shades.....Pkt. 20c  
1608 Lake of Thun. Ultramarine blue with darker blotches.....Pkt. 20c  
1609 Rheingold. Yellow with mahogany blotches on lower petals.Pkt. 20c  
One pkt. each above 3 varieties for 50c.

1620 Englemann's Special Giant. Reselected to a strain of immense flowers from the old Scottish Show type. Bronze and reddish shades. Vigorous, compact and early flowering.....Pkt. 35c

1628 Roggli Swiss Giants. Gigantic flowers of heavy texture on strong stems. The colors are choice and rare, surpassing in quality and range all other Swiss Giants..... $\frac{1}{8}$  oz. \$1.25; pkt. 25c

1629 Masterpiece or Ruffled Pansies. A remarkable strain of Giant Pansies with beautifully frilled petals, so full as to appear almost double. Rich colors, with dark velvety shades predominating..... $\frac{1}{8}$  oz. 75c; pkt. 15c

1631 Trimardeau Mixture. A superior strain, with robust deep-rooting plants and flowers of mammoth size and great substance. Choice mixed colors..... $\frac{1}{8}$  oz., 30c; pkt. 10c





# GROW PRIZE-WINNING FLOWERS



Physalis—  
Chinese Lantern.

**SACCO FERTILIZER** contains all Food Elements required for the perfect development of Flowers. See page 72 for prices.

**FLOWERING PLANTS** for Porch and Window Boxes and Bedding on pages 56 and 57.



Oriental Poppy.

## PENTSTEMON, Beard Tongue (Perennial)

- 1638 **Sensation.** 2 ft. Produce handsome stalks of long-tubed Gloxinia-like flowers, often 2 inches across, in the most brilliant and varied shades of red, pink and violet. Bloom all summer and are splendid for cutting. If started indoors in March, they will flower freely the first year.....Pkt. 15c

## PETUNIAS

Petunias surpass all other annuals for bedding purposes. They thrive in poor soil and under the most adverse conditions and bloom continuously throughout the summer until killed by heavy frosts. Seed started in the hotbed in April will produce blooming plants in June.

### Giant Flowering Varieties

- 1652 **Theodosia.** The "Queen" of Petunias. Large ruffled flowers of rose-pink with gold throat. An outstanding novelty.....Pkt. 30c
- 1653 **Giant Double.** For beauty of form and coloring, these surpass every other strain. The weaker seedlings produce the finest double flowers. Only a certain percentage of the flowers will be double, but the remainder will be choice single of giant size, some frilled.....Pkt. 30c
- 1655 **Ruffled Giants.** Flowers of this strain often measure 5 inches across, and are beautifully frilled and veined. Every color, from white and pale pink to deep purple is included in this mixture.....Pkt. 25c

### Balcony Varieties

Particularly recommended for porch and window boxes. The plants are of trailing habit, with immense single flowers, three inches in diameter. Produced in great abundance from early summer until killed by frost.

- 1656 **Deep Blue.** Beautiful deep violet-blue.....Pkt. 15c
- 1657 **Damask Rose.** Brilliant Tyrian rose.....Pkt. 15c
- 1658 **Star of California.** Violet, shaded crimson and starred with five pure white blotches.....Pkt. 25c
- 1659 **Black Prince.** Deep rich velvety red.....Pkt. 15c

### Bedding Varieties

Dense bushy little plants, 8-12 inches high, literally covered with flowers. Indispensable for borders, pots, rock gardens and bedding.

- 1647 **General Dodds.** Velvety blood-red.....Pkt. 10c
- 1648 **Cockatoo.** Violet-purple with irregular white spots and stars.....Pkt. 20c
- 1649 **Rose of Heaven.** Brilliant rose.....Pkt. 10c
- 1650 **Viola cea.** Deep rich violet-blue.....Pkt. 15c
- 1651 **Finest Mixed Bedding Petunias.**..... $\frac{1}{4}$  oz. 40c; pkt. 10c

For Petunia Plants, see pages 56 and 57.

## PHLOX DRUMMONDI (Annual)

Beautiful showy annuals of easy culture, producing a continuous supply of large flowers in a most wonderful range of colors. Unsurpassed for massing and bedding. If the seed pods are removed, the plants will bloom until cut down by frost. Height about 1 foot.

- 1662 **Rose.** 1666 **Finest Bedding Mixed.**  
1664 **Scarlet.** 1673 **Star, Choice Mixed.**  
Each of the above,  $\frac{1}{8}$  oz. 40c; pkt. 10c

For Perennial or Hardy Phlox Plants, see page 33

## PHYSALIS, Chinese Lantern Plant (Perennial)

- 1675 **Franchetti.** 18-24 in. Plants form dense bushes and bear bright, orange-scarlet pods, resembling miniature Chinese lanterns. May be dried and used for winter bouquets. Very attractive when combined with Lunaria.....Pkt. 10c

## PINKS, see Carnation, Dianthus and Sweet William

## PLATYCODON, Chinese Bell Flower (Perennial)

- 1679 **Grandiflora Blue.** Height 18-24 in. Handsome compact-growing plants, bearing an abundance of broad, bell-shaped blue flowers in July. The flowers when in bud have the appearance of inflated balloons.....Pkt. 10c

## POPPIES (Annual)

- 1691 **American Legion.** An improved variety of Flanders Poppy. Flowers are a brilliant orange-scarlet of enormous size, on long stout stems..... $\frac{1}{4}$  oz. 25c; pkt. 10c
- 1692 **Giant Shirley (Silk or Ghost).** 1 ft. Beautiful satiny flowers, 4 inches across, with fluted, crinkled petals. Colors contain delicate shades of rose, apricot, salmon-pink and crimson with occasional blues. Foliage is hairy and finely cut...Oz. 30c; pkt. 10c
- 1695 **Double Shirley Poppy, "Sweet Briar."** Deep rose-pink flowers, full and double. Resembles a large double Begonia.....Pkt. 15c
- 1704 **Single Mixed.** Especially fine for massing. Large flowers in a great variety of colors.....Oz. 25c; pkt. 10c
- 1705 **Double Carnation Flowered.** Immense double flowers with fringed petals, many striped. Finest mixed colors...Oz. 30c; pkt. 10c

## CALIFORNIA POPPY, see Eschscholtzia, page 47

## POPPIES (Perennial)

- 1707 **Iceland Poppy (Nudicaule).** 1 ft. Plants are of graceful habit with bright green, fern-like foliage. They bear an endless profusion of brilliant cup-shaped flowers, with slightly crumpled petals of satiny texture. Mixed colors.....Pkt. 10c
- 1708 **Oriental Poppy.** 2-3 ft. For gorgeous coloring Oriental Poppies have few rivals among hardy plants. The flowers are often 6 inches across and are borne on tall stems. Produce a magnificent effect in the shrubbery or hardy border.....Pkt. 10c

## PORTULACA, Moss Rose (Annual)

Plants have thick creeping foliage covered with a profusion of small rose-like flowers in brilliant colors. They delight in a warm sunny position and sandy soil.

- 1712 **Single Mixed.**..... $\frac{1}{4}$  oz. 20c; pkt. 10c
- 1713 **Double Mixed.**..... $\frac{1}{4}$  oz. 75c; pkt. 10c

## PYRETHRUM or Painted Daisy (Perennial)

Valuable hardy garden plants with beautiful daisy-like flowers in all shades of pink, rose and crimson. Their long flowering period, long stems and wonderful lasting properties make them very popular for cutting. Height 1-2 feet.

- 1725 **Single Mixed**..... $\frac{1}{8}$  oz. 50c; pkt. 10c
- 1726 **Double Mixed**.....Pkt. 25c



Bedding Petunias.



Pink, Rose and Red Pyrethrum.



# MAKE YOUR GARDEN A GORGEOUS SHOW PLACE

## RHODANTHE, Everlasting (Annual)

1729 *Manglesii* Rose. 1 ft. One of the few everlastings which retains its grace and beauty after being dried. The flowers should be cut before they fully expand to retain their beautiful bell form. Sow the seed in a light, rich soil and in a warm sheltered situation. Rhodanthe makes an excellent pot plant and blooms freely indoors...Pkt. 10c

## RICINUS or Castor Bean (Annual)

1730 *Red Spire*. 6-8 ft. Foliage plants of luxuriant and rapid growth, valuable for backgrounds and screens, producing a rich tropical effect. The leaves are of enormous size, deeply lobed and conspicuously veined, dark green and bronze in color.....Oz. 25c; pkt. 8c

## SALVIA or Scarlet Sage (Annual)

Handsome summer and autumn-flowering annuals with brilliant flowers; very effective for massing, bedding and cutting. Useful also for window box and pot plants.

1745 *Splendens*. 2-3 ft. Plants are much branched with large spikes of bright scarlet flowers produced in profusion during the summer and fall. This is the old favorite bedding variety. ....1/4 oz. 75c; pkt. 10c

1746 *Fireball*. 15-18 in. Compact plants with fiery scarlet flowers on massive spikes, erect and stiff; over 200 spikes to a plant is not unusual .....1/8 oz. 65c; pkt. 10c



Salpiglossis are greatly prized for cutting.

## SALPIGLOSSIS, Painted Tongue (Annual)

1741 Height 2-2 1/2 ft. Beautiful velvety 'petunia-like' flowers, greatly prized for cutting. They range in color from various shades of purple and blue through red and yellow to creamy white, delicately veined and penciled with gold. Bloom from July to frost.....1/4 oz. 50c; pkt. 10c

## SAPONARIA, Soapwort (Annual)

1749 *Vaccaria Rosea*. 2 ft. Produce a profusion of light graceful sprays of satiny-pink flowers. Charming in bouquets combined with other flowers. ....1/2 oz. 25c; pkt. 5c

## SCABIOSA, Pin-cushion Flower (Annual)

Showy in the garden and one of the finest annuals for cutting. Bloom continuously from early summer until frost, in a wide range of rich, beautiful colors. They grow 2 to 3 feet high, with flowers on long slender stems; also known as Mourning Bride.

1750 *Loveliness*. A glorious salmon-rose color.  
1751 *King of the Blacks*. Reddish-black.  
1752 *Azure Fairy*. Delicate lavender-blue.  
1755 *Fiery Scarlet*.  
1757 *Finest Mixed*.

Each of the above, 1/4 oz. 30c; pkt. 10c

## SCABIOSA CAUCASICA, Blue Bonnet (Perennial)

1758 *Giant Hybrids*. Height 18-24 in. Handsome hardy plants that thrive in ordinary garden soil. The semi-double flowers are 2 to 3 inches across and are borne on long stout stems; color is an exquisite lavender-blue shading to deep blue. Exceptionally good for cutting .....1/8 oz. 70c; pkt. 15c

## SCARLET RUNNER BEAN, see page 3

## SCHIZANTHUS, Butterfly Flower (Annual)

1764 Height 18-24 in. Plants are of bushy luxuriant growth, with delicate finely cut foliage and exquisite orchid-like flowers in a great range of bright colors, blotched and marked in contrasting shades. One of the daintiest of annuals.....Pkt. 10c

## SHASTA DAISY, see Chrysanthemum, page 46

## SNAPDRAGON, see Antirrhinum, page 44

## SOLANUM, Jerusalem Cherry (Annual)

1768 Compact, bushy house plants with small shiny leaves and many bright orange-scarlet berries. Grows 15-18 inches high, and is easily raised from seed. One of the best pot plants for winter decoration. Also known as Christmas Cherry.....Pkt. 10c

## STATICE, Sea Lavender (Annual)

1769 *Sinuata*. 1-2 ft. Suitable for growing in rock gardens and charming when dried for winter bouquets. The flowers are produced in racemes on long, graceful stems. Colors: rose, blue and white; retains its true colors when dried...1/2 oz. 20c; pkt. 5c

## STOCKS, Early Giant Imperial (Annual)

An improved strain of Bismarck. The plants grow 24-30 inches high and are of robust branching habit, with heavy spikes of bloom. The flowers are double and very fragrant. Bloom from late July until frost.

1771 *Buttercup*. 1775 *Royal Purple*.  
1772 *Rose Pink*. 1776 *Lavender*.  
1774 *Fiery Blood Red*. 1777 *Finest Mixed*.  
Each of the above.....Pkt. 10c

1778 *Evening Scented Stock*. (*Matthiola Bicornis*.) 1 ft. Rosy lavender flowers which fill the garden with a delicious perfume in the evening .....Oz. 30c; pkt. 5c

## STOKESIA, Cornflower Aster (Perennial)

1780 *Cyanea*. 2 ft. One of the choicest flowers for the garden and indispensable for cutting. Plants are much branched and bear freely from July until frost, the handsome lavender-blue flowers which measure from 4 to 5 inches across. Of easy culture, succeeding in any open, sunny position .....Pkt. 10c

## SUNFLOWER, Helianthus (Annual)

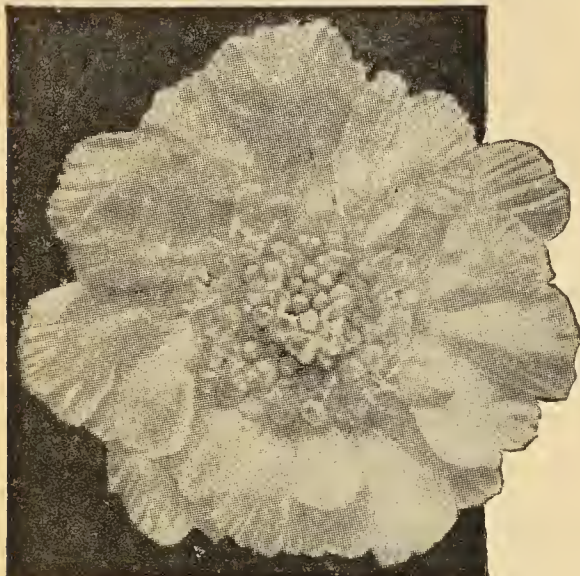
1830 *Miniature Sunflower*. 3-4 ft. Produce flowers in many shades of rose, bronze and orange. Bloom all summer and are useful for cutting. Foliage is small and graceful .....Pkt. 10c

1831 *Red Sunflower*. 4-6 ft. Curled petals in various shades of red and orange, beautifully shaded and bordered.....Pkt. 10c

1832 *Mammoth Russian*. 8-10 ft. Huge flat flower heads grown for the seeds which are fed to parrots, poultry and birds. Planted in the poultry yard the plants furnish shade, and when planted in the vegetable garden the stalks will serve as poles for climbing or pole beans.....Large pkt. 5c

## Plants Suitable for Edgings

|               |                   |
|---------------|-------------------|
| Ageratum      | Leptosiphon       |
| Alyssum       | Marigolds (Dwarf) |
| Bellis        | Nemesia           |
| Brachycome    | Petunias          |
| Candytuft     | Verbenas          |
| Eschscholtzia | Zinnias (Dwarf)   |



Scabiosa, Blue Bonnet.



Statice, Sea Lavender.



Stocks are deliciously scented.



# Sweet Peas

One ounce of seed will plant a single row 50 feet long.

The flowers of Spencer Sweet Peas are of immense size, beautifully waved, and usually borne 3-4 on long, substantial stems. The seed should be sown very early in spring (preferably in March) as Sweet Peas thrive best in cool, moist weather. Our leaflet with complete cultural directions will be sent free with order if requested.

## THE FINEST ORCHID-FLOWERED SPENCERS

- 1837 **DAMASK ROSE.** Shining carmine-rose. Huge flowers, very choice and striking.
- 1838 **AMETHYST.** Exceptionally large blooms of a bright clear blue.
- 1839 **ANNIE LAURIE.** The richest tone of pure rose-pink ever produced in a Sweet Pea.
- 1840 **OLYMPIA.** Enormous flowers of deep, rich purple.
- 1841 **WHAT JOY.** Considered the best deep cream variety. Large, frilled flowers.
- 1842 **BARBARA.** A lovely salmon. Three to four large blooms on each stem.
- 1843 **SYBIL HENSHAW.** A dazzling shade of rich crimson.
- 1844 **VALENCIA.** A bright sun-proof orange. Of robust growth, with long stems.
- 1845 **POWERSCOURT.** Immense flowers of pure lavender.
- 1846 **GLITTERS.** Brilliant orange-scarlet, wings deep orange.
- 1847 **SPRING SONG.** Bright rose-pink flushed salmon. Well-formed large flowers.
- 1848 **AVALANCHE.** Glistening white flowers of large size and great substance.
- 1849 **THE SULTAN.** Deep velvety maroon. Effective with the cream Sweet Pea "What Joy."
- 1850 **MAGNET.** Bright cream-pink. Beautiful combined with deeper rose shades.
- 1851 **AMERICA.** Striped and flaked brilliant carmine on white ground.
- 1852 **FORTUNE.** Immense frilled flowers of a rich dark blue color.
- 1853 **THE CARDINAL.** A striking poppy-scarlet.
- 1854 **COLORADO.** Vivid golden orange. Most effective combined with Fortune.
- 1855 **GLENEAGLES.** A beautiful clear porcelain-blue.
- 1856 **SUNKIST.** Large cream flowers, picotee-edged rose.

Each of the above.....Oz. 25c; pkt. 10c

## Special Offers

- One pkt. each of any 5 above named varieties for....40c
- One pkt. each of any 10 above named varieties for....75c
- One pkt. each of 20 varieties as listed above.....\$1.40



Tithonia.

### TITHONIA (Annual)

Golden Flower of the Incas

- 1896 **Speciosa.** 6-8 ft. A rare plant native to Mexico. The flowers are a flaming orange-scarlet, 3-4 inches across. Colorful and effective for tall backgrounds. Seed should be started in the open ground in late April or early May. .... Pkt. 15c

1928 **EVERLASTINGS.** The best straw-flowers and other Everlastings in a fine mixture for winter bouquets.....Large pkt. 15c

- 1865 **RAINBOW MIXED SPENCER SWEET PEAS.** Composed of Giant Waved Spencer varieties in a complete color range....¼ lb. 50c; oz. 25c; pkt. 10c

- 1875 **EARLY FLOWERING SPENCER SWEET PEAS.** Come into bloom a month earlier than the other sorts, producing immense frilled flowers on long stems. Suitable for garden and greenhouse culture. Mixed colors .....Oz. 50c; pkt. 10c

### SWEET ROCKET, Dame's Violet (Perennial)

- 1880 **Hesperis Matronalis.** 2-3 ft. Hardy herbaceous plants, very effective in the garden. They are covered with showy spikes of purple and white flowers which are deliciously sweet-scented after sunset. Splendid for cutting....Pkt. 10c

SWEET ALYSSUM, see Alyssum page 44

SWEET SULTANS, see Centaurea page 46

### SWEET WILLIAM, Dianthus Barbatus (Perennial)

One of our finest hardy garden plants, of easy culture and thriving in any good garden soil. Grow 12 to 18 inches high, with flowers in flat clusters on tall stiff stems.

- 1890 **Single Large Flowering Mixed.** Extra choice varieties.....½ oz. 35c; pkt. 10c
- 1891 **Double Large Flowering Mixed.** A splendid mixture. ....½ oz. 50c; pkt. 10c
- 1894 **Pink Beauty.** Beautiful salmon-pink.....Pkt. 10c
- 1895 **Scarlet Beauty.** Intense, brilliant scarlet....Pkt. 10c

### TRITOMA, Red-Hot Poker (Annual)

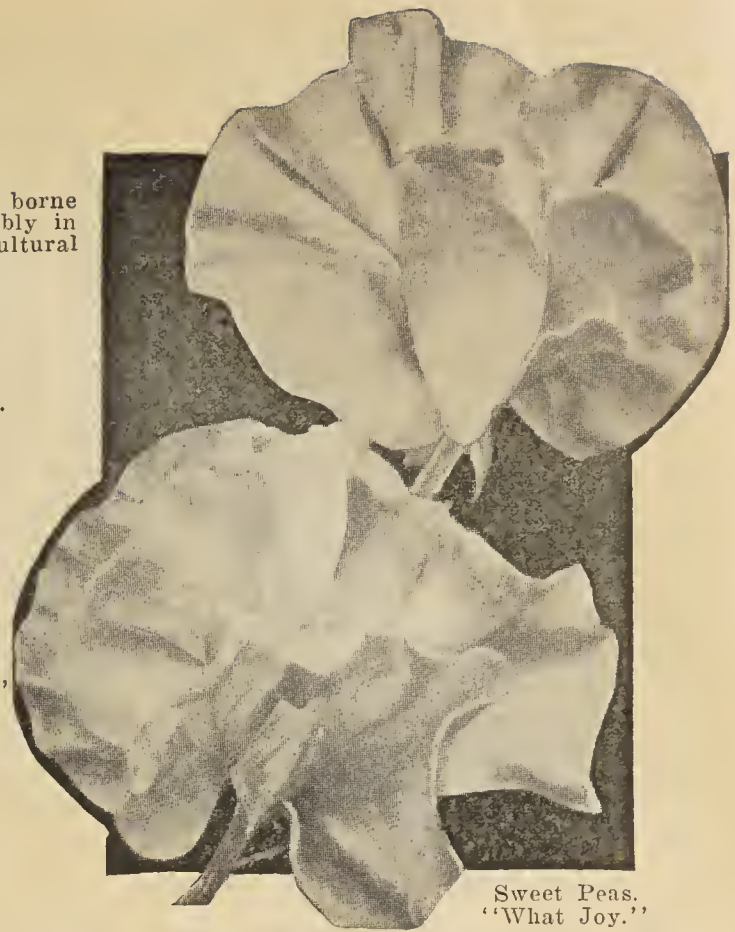
- 1897 **Hybrid Mirabilis.** 2-3 ft. Also known as Torch Lily or Flame Flower. Produces striking orange-scarlet flower spikes from August until frost. Start seed indoors in March and set plants out in May. The roots may be taken up in late fall and stored like Dahlia roots .....Pkt. 15c

### VENIDIUM FASTUOSUM (Annual)

- 1898 **Height 2-3 ft.** Deep, brilliant orange, daisy-like flowers, 4-5 inches across, with a double row of petals, the upper row having a glossy reddish-brown center. Germinates readily and flowers profusely. Very effective in bouquets, as well as for garden display .....Pkt. 25c

### VERONICA, Speedwell (Perennial)

- 1918 **Spicata.** 18-24 in. Showy plants with glaucous foliage and tall spikes of handsome blue flowers. Bloom in July and August. Beautiful in the garden and fine for cutting.....Pkt. 10c



Sweet Peas.  
"What Joy."

## VERBENA, Giant Hybrid (Annual)

Unsurpassed for massing in large beds. The plants are of low spreading growth and are covered with brilliant flowers from June to frost. Average trusses measure 3½ inches across. Valuable for cutting.

- 1899 **Beauty of Oxford Hybrids.** The brightest Rose Verbena ever produced. Shades from rose-pink to rose-red. New and unusual both in size and color.....Pkt. 30c
- 1900 **Blue and Purple Shades.**.....Pkt. 10c
- 1905 **Pink and Rose Shades.**.....Pkt. 10c
- 1907 **Lucifer, Vivid Scarlet.**.....Pkt. 10c
- 1908 **Giant Hybrid Mixed Verbenas.** This mixture includes shades of blue, lavender, purple, yellow, rose and scarlet. Will provide flowers for cutting all summer. ....¼ oz. 40c; pkt. 10c



Venidium Fastuosum.

Jolly golden-orange daisies with enormous black and brown centers.



# CHOICE

# ZINNIAS

Zinnias are the most popular annuals for cutting, bedding and garden display. They may be had in bloom from early summer until killed by frosts.

**CULTURE**—Zinnias are not particular as to soil, but prefer a sunny location and plenty of moisture. When the plants are 2 or 3 inches high, they should be thinned out to stand 12-15 inches apart. If allowed ample room for proper development the flowers will be more completely double.

## GIANT DAHLIA FLOWERED

Height 3 ft.

Huge, double flowers, often measuring 4 inches in depth and from 4-5 inches across. The petals are broad, and closely imbricated, resembling the show type of Dahlia. Flower in 60 days.

- 1931. **ELDORADO**. Apricot, flushed rose.
- 1932. **GOLDEN DAWN**. Golden Yellow.
- 1933. **LUMINOSA**. Bright deep pink.
- 1934. **METEOR**. Rich, deep red.
- 1940. **DAHLIA FLOWERED MIXED**.

Each of the above, ¼ oz. 45c, pkt. 10c.



Lilliput or Pompon Zinnia.

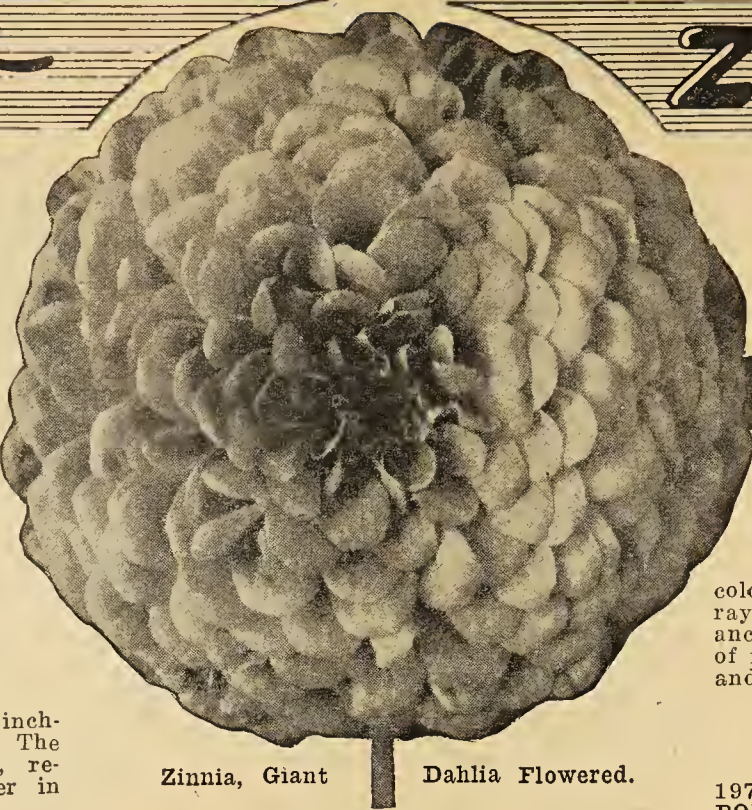
## Mexicana or Miniature Zinnias (HAAGEANA)

This dainty little Zinnia should be in every garden. Arranged in low bowls for table decoration it makes the daintiest and most attractive bouquets imaginable. Also a splendid rock garden and border plant.

- 1979. **MIXED COLORS**. Flowers are double and semi-double, 1½ inches across, and come in a most unusual color range—rose tipped yellow, maroon tipped cream, yellow tipped red. Plants grow 10-15 inches high. .... ¼ oz. 45c; pkt. 10c

## YUCCA, Adam's Needle (Perennial)

1929. **Filamentosa**. 3-5 ft. Plants present a striking tropical appearance with their strong sword-like foliage and tall spikes of creamy white flowers. Bloom in July. Very effective in the border and rock garden. .... Pkt. 10c



Zinnia, Giant

Dahlia Flowered.

## CROWN O' GOLD

Height 3 ft.

1950. **MIXED COLORS**. Crown O'Gold is the aristocrat among Zinnias, deriving its name from the fact that each petal of the flower is overlaid at the base with deep golden yellow. The color range includes rose, cream, yellow, lavender and carmine. ¼ oz. 50c, pkt. 15c.

## CALIFORNIA GIANTS

Height 3-4 ft.

Very large double flowers, averaging 5-6 inches in diameter when in full bloom. Somewhat flat in form, the flowers have a most graceful appearance and are splendid for cutting. Bloom in 60 days.

- 1960. **VIOLET QUEEN**. Deep violet.
- 1962. **ORANGE KING**. Orange-scarlet.
- 1963. **CERISE QUEEN**. Flaming cerise-rose.
- 1964. **SCARLET GEM**. Glowing scarlet.
- 1965. **CALIFORNIA GIANT MIXED**.

Each of the above, ¼ oz. 45c, pkt. 10c.

## ZINNIA COLLECTIONS

### GIANT ZINNIAS 35c

One Pkt. Each

- Dahlia Flowered Mixed.
- Double Mammoth Mixed.
- Double Picotee Mixed.
- Scabious Flowered Mixed.

### DWARF ZINNIAS 30c

One Pkt. Each

- Lilliput or Pompon Mixed.
- Red Riding Hood.
- Pumila Picotee Delight.
- Mexican Hybrid Mixed.

## Various Zinnias

1968. **PICOTEE GIANT DOUBLE MIXED**. Large double flowers, measuring 4 inches or more in diameter. Colors are: orange, yellow, pink and flesh with edges of petals serrated and tipped with a contrasting color. .... Pkt. 10c

1969. **SCABIOUS FLOWERED**. 2½ ft. Flowers have a collar of broad outer petals, surmounted by a full double crest of short, tubular petals. Colors range from pale rose to crimson, scarlet, orange and yellow. Invaluable for cutting. Pkt. 15c

1970. **FANTASY**. 2-2½ ft. A striking novelty of the curled and crested type, and far superior to quilled Zinnias in form and color. The large flowers are composed of shaggy, ray-like petals and present a very artistic appearance. Color range includes the brightest shades of red, yellow and orange as well as pastel pinks and cream. .... Pkt. 15c

## Dwarf Zinnias

1975. **IMPROVED LILLIPUT OR POM-PON**. Unsurpassed for bedding and cut flower purposes. The plants form handsome little bushes 12 to 15 inches high, and are literally covered with small, double flowers all summer until killed by frost. Mixed colors. .... ¼ oz., 30c; pkt. 10c

1976. **RED RIDING HOOD**. Ht. 1 ft. Plants are of compact bush form, covered with intense scarlet flowers not over an inch across. Very effective in solid beds and for edging, and especially recommended for cutting. .... ¼ oz. 30c; pkt. 10c

1977. **PUMILA PICOTEE DELIGHT**. Height 15-18 in. Dwarf plants with extra double flowers in a mixture of many attractive shades including salmon, buff, cream, yellow and lavender. Petals are beautifully picoted and ruffled. .... ¼ oz. 45c; pkt. 10c

**AUDELS FLOWER EDUCATOR**—600 pages, hundreds of illustrations. Gives successful directions for planting and growing Annuals, Perennials, Bulbs, Shrubs and Fine Lawns. Invaluable to every gardener. Flexible art binding, \$1.50, prepaid.



Zinnia Fantasy Finest Mixed.

## VIOLA CORNUTA, Tufted Pansy (Perennial)

1919. Closely related to the pansies and violets are these charming perennials known as Violas. They are genuine treasures in the garden when masses of bloom are wanted throughout the season. The plants form perfect mats, and are ideal for permanent borders and edgings. The flowers are large, with clear bright colors and a delicious violet-fragrance. Mixed colors, including lavender, purple, blue, lemon and orange. .... Pkt. 10c

## WALLFLOWER, Double (Annual)

1920. Height 12-15 in. A splendid variety suitable for either bedding or pot culture with the main spike covered with double fragrant blossoms of brown and golden yellow. Seed started indoors in February will produce flowering plants in July. Mixed colors. .... Pkt. 20c

## WILD CUCUMBER (Annual Climber)

1925. **Echinocystis Lobata**. 20 ft. Grows rapidly and is thickly dotted with pretty white, fragrant flowers, followed by ornamental prickly seed pods. .... Oz. 25c; pkt. 5c



# HOW TO MAKE A GOOD LAWN

## Preparation of the Soil

This work must be done thoroughly as the lawn is to be permanent. The soil should be spaded to a depth of one foot, removing all stones and roughage. Large plots may be plowed and harrowed. A fine seed bed is essential.

## Fertilizing

After the plot has been spaded, apply a three-to-six-inch coating of peat moss and a good commercial fertilizer, such as Sacco (see page 72), allowing 20 lbs. for every 1,000 square feet. Respade, mixing thoroughly with the soil. Barnyard fertilizer may be used in place of commercial fertilizer, but as it carries seeds of weeds and coarse grasses that grow with the Grass Seed, and are difficult to eradicate, we advise using commercial fertilizer.

## Conserving Moisture

Lawns with light sandy soil cannot thrive for want of retaining sufficient moisture. In such cases a top dressing of Peat Moss should be made late in April or early May. The life giving humus of Peat Moss and its ability to retain moisture will make a wonderful improvement in any lawn. (See page 72.)

## Seeding

Grass Seed may be sown any time, but early spring sowing before the hot dry weather sets in, is best. Sow the seed on a quiet day, and broadcast two ways—using one lb. of seed for every 200 to 250 square feet—80 to 100 lbs. per acre. If possible, sow shortly before a rain. By sowing half the seed one way, and the other half the other way, a uniform, even stand is assured. Harrow or rake the ground carefully to cover the seed and follow with a roller to pack the soil. Water thoroughly and regularly in the evenings, until the sod is fairly well established. Sprinkling at random is worse than no water at all.

## Newest, Quickest Way To Apply Plant Food to Your Lawn

The old messy way is done away with by the use of this new patented device.

Packed in a compact box—full instructions for assembling in the package.

It is so simple to operate that a child can run it. No wasting of fertilizer as it is efficient and does the fertilizing quickly. You'll find it fun to operate it. May also be used for sowing lawn grass. Price: 85c, postpaid \$1.00.



## DAN-D-LION KILLER

**KILLER KEMICAL** destroys all deep-rooted weeds without injury to the soil. Kills Dandelions, Thistles, Plantain, Buckhorn and other common weeds. Is not poisonous or inflammable. Does not stain walks or clothing.

**KILLER KANE** insures easy and economical application. No stooping or back breaking. Place Kane on crown of dandelion or weed and press handle slightly. A small amount of Kemical is released and does all the work.

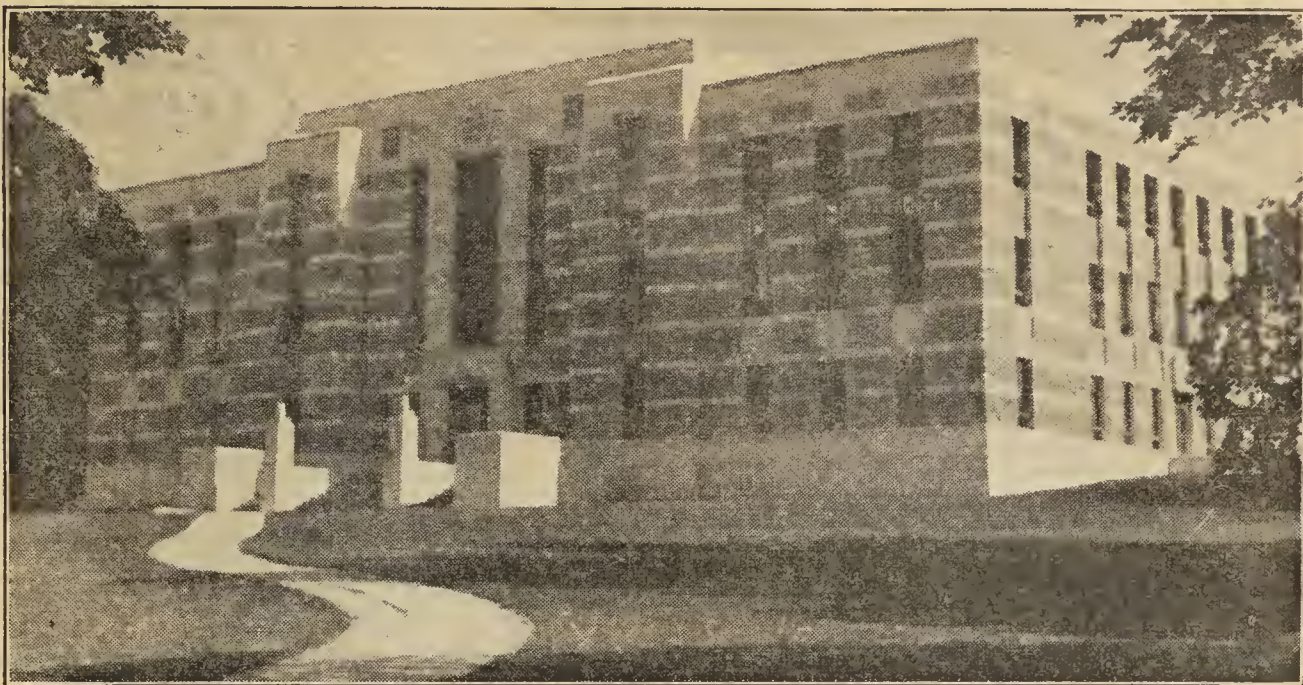
PRICES—F. O. B. Faribault:

**KILLER KIT** (Kane and 1/2 gal. Kemical), weight, 7 lbs., \$1.95.

Postage on Killer Kit to 3rd zone (300 miles), 22c.

**KILLER KEMICAL:** 1-qt. can, weight, 3 lbs., 85c; 1/2-gal. can, weight, 5 lbs., \$1.25; 1-gal. can, weight, 9 lbs., \$2.00; 5-gal. can, weight, 42 lbs., \$8.75.

**KILLER KANE**, weight, 2 lbs., \$1.00. See page 1 for parcel post rates.



New Rice County Court House, at Faribault, where a luxuriant lawn was established the first season with our Garden City Lawn Grass.

## DEPENDABLE LAWN GRASS MIXTURES

Based on years of experience and recommendations by the Experiment Stations, we offer well balanced mixtures of lawn grasses that will give best possible results for the purposes they are intended. We use only the very highest quality seeds, proven free from noxious weeds, and that will give quickest and most satisfactory results.

### Free Booklet on Lawns

We have prepared a special booklet every lawn owner will want. It tells all about building a new lawn, preparing the seed bed, what to sow, maintenance and care, improving an old lawn, Bent lawns, how to control lawn pests, etc. We send it free with every order, if requested, or you may have a copy by writing for it, inclosing 3c postage.

### 30-DAY LAWN GRASS

Our popular Lawn Grass for quick results. This carefully blended mixture contains the finest quick-growing grasses, together with permanent grasses that will establish a luxuriant lawn in 30 to 40 days under normal conditions. It represents the greatest value we have ever been able to give. It is by no means a cheap lawn mixture, but contains high quality Kentucky Blue Grass, White Dutch Clover, English Rye Grass and other quick-growing grasses. Our Special Price: 1 lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00, prepaid.—Not prepaid: 25 lbs. \$4.25, 100 lbs. \$16.00.

### GARDEN CITY LAWN GRASS

A Most Popular High Quality Mixture

Our best all around lawn grass mixture, for general use. It contains the choicest grasses in proper combination for quick results, roots deeply, and withstands severe drought. This consists chiefly of Kentucky Blue Grass, Red Top, and White Clover, and is being sold by leading department stores with wonderful success. Price: Lb. 30c, 5 lbs. \$1.35, 10 lbs., \$2.50, prepaid. Not prepaid: 25 lbs. \$5.50, 100 lbs. \$19.00.

### KENTUCKY BLUE GRASS

Kentucky Blue Grass will last for many years, as the plants spread from underground roots. It withstands hard wear remarkably well, forming a firm, tough sod. Sow as early as possible, to give it a good start before weeds spring up. Blue Grass is the best of all grasses for lawns, golf courses and parks. Price: Lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00, postpaid.

### LAWN FERTILIZERS

A healthy lawn makes sufficient growth to require cutting every 5 to 7 days. A lesser growth indicates need of fertilizer.

We recommend above all "WEDO" for combined fertilizing and weed control qualities. (See page 72.) Price: 10 lbs. 70c, 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$3.60, not prepaid.

"SACCO" likewise, a most dependable all around fertilizer. (See page 72.) Special circular free. Price: 5 lbs. 35c, 10 lbs. 60c, 25 lbs. \$1.10, 50 lbs. \$1.80, 100 lbs. \$3.00, not prepaid.

### SHADY NOOK MIXTURE

A mixture of hardy, quick growing grasses that thrive in shady places. Especially suited for patching up the lawn, or filling in barren places under trees, etc. Contains some of the best creeping grasses to build up a permanent sod. Price: Lb. 35c, 5 lbs. \$1.60, 10 lbs. \$3.00, prepaid.—Not prepaid: 25 lbs. \$6.50.

### MT. VERNON MIXTURE

Our special formula for those who want the very finest lawn obtainable, at a reasonable seed cost. This super quality product for the discriminating home owner contains Creeping Bent, Poa Trivialis and other high priced grasses. It will produce a lawn which will be a source of genuine pride and pleasure to the owner for years to come. Price: Lb. 40c, 5 lbs. \$1.80, 10 lbs. \$3.30, prepaid.—Not prepaid: 25 lbs. \$7.00, 100 lbs. \$25.00.

### CREEPING BENT GRASS

This grass makes a fine dense firm turf which withstands hard usage; it is ideal for lawn, terraces, and putting greens on golf courses because it makes a compact sod due to its spreading habit. It makes rapid growth in a year, crowding out other grasses. Our seed is the famous "Coos County" strain, true to name and of finest quality. Sow 2 to 3 lbs. per 1,000 square feet. Price: Lb. \$1.10, 5 lbs. \$5.00, 10 lbs. \$9.50, prepaid.

### WHITE DUTCH CLOVER

Used universally for rejuvenating or building up all lawns or worn-out pastures. Price: 1/2 lb. 25c, 1 lb. 45c, 5 lbs. \$2.00, 10 lbs. \$3.75, prepaid.

### CONTROL OF LAWN PESTS

Ants may be easily controlled by using "Cyanogas." It comes in a special container with spout to eject the powder into the ant hole—a heavy gas is formed which permeates the entire nest and destroys the colony. Special 4-oz. container for ants 35c, prepaid.

For moles, pump "Cyanogas" into runways with a duster. Ask for special descriptive circular. (See page 71.)



# EXCEPTIONAL DOLLAR BARGAINS

## For the First Time

● ● ● we are offering outstanding plants in collections representing unusual values at the price of \$1.00 postpaid. You cannot afford to miss these. Shipments to be made at the proper planting time.

## New Rare Plants

### BLAZE-O-MUM

First Time Offered.

The plant marvel of surpassing beauty. By planting in May it will develop a plant from 18 to 24 in. across, that will be literally covered with hundreds of beautiful pom-pom shaped pink flowers. They bloom in September and continue a mass of color until destroyed by heavy freezing.

We call it the plant of a thousand brilliant blooms, resembling Azaleas, and providing a blaze of color for the autumn garden. "Blaze-o-Mum" belongs to the hardy Chrysanthemum family and is truly the flower sensation of the day. Plants will survive northern winters and may be divided the following spring. See color illustration on page 40.

Price: 35c each, 2 for 60c, 4 for \$1.00, 10 for \$2.50. Large plants, 50c each, 3 for \$1.00 ppd.

### NEW SUPER BRANCHING IVY

The newest introduction of the Ivy family—a vigorous grower, with the habit of branching freely from the base. Twelve or more lovely vines are not uncommon in an average size pot. Will grow well in living room temperature and light. It is fast becoming the most popular house plant, owing to its fine form and heavy growth. No need of fussing with scraggly Ivy plants when this outstanding variety is to be had at a popular price.

Price: 30c each, 2 for 55c, 4 for 95c, 10 for \$2.25. Large plants, 45c each, 3 for \$1.00, ppd.

### BUDDLEIA, ILE de FRANCE

This new variety develops into a beautiful shrub 3-4 ft. high in one season. It is well branched symmetrical and bears attractive wine-colored flowers 6 to 8 inches in length. The flowers are carried on long stems and are exceptionally fine for use in bouquets. This plant created a sensation at the Century of Progress Fair in Chicago. It is now becoming a popular favorite with all who know it.

Price: 35c each, 2 for 60c, 4 for \$1.00, 10 for \$2.50, prepaid.

### PELARGONIUM (Azalea)

This plant is so named because when in bloom it is so covered with flowers as to resemble the Azalea plant. Unlike many varieties of Pelargoniums (sometimes called the Lady Washington) this variety has no tendency to shed its blooms soon after opening. The flowers remain in full beauty for many weeks. It is truly a wonderful plant, deserving the popularity it now enjoys. May be grown indoors or in flower beds during the summer months.

Price: 35c each, 2 for 60c, 4 for \$1.00, 10 for \$2.50, prepaid.

Large plants in full flower. (Not sold in collection offer); 75c each, not prepaid. Make a wonderful gift.

### SPECIAL OFFER

ONE EACH OF THE ABOVE FOUR NEW AND RARE PLANTS

**\$1.00**  
Postpaid

Note: What a wonderful gift this collection will make for Mother's Day. Somewhere there is a mother who would thank you most sincerely for remembering.



Pelargonium (Azalea).  
No Finer House Plant.



Buddleia, Ile de France.  
A Shrub Sensation.



New Blaze-O-Mum.  
The Plant of a Thousand Pink Blooms.  
(Color Illustration on page 40)

### 8 FINE LANTANAS

Showiest of all summer bedding plants. They ask for nothing special in soil or care, and reward you with a wealth of color and continuous bloom from early spring until late fall. Various shades of bronze, pink and orange are represented in this collection.

Price: 8 plants for **\$1.00** prepaid.

## 5 Geraniums ALL DIFFERENT

Here are Grandmother's favorites, and still popular. Too well known to need descriptions. The most desirable plants for the house, window boxes, flower beds or cemetery use. Our well rooted plants will make an excellent showing in the shortest possible time. To be shipped when weather permits.

We offer well developed plants in bloom or bud—a wonderful value. 5 Fine Plants for

**\$1.00**

Postpaid

**FREE OFFER**

Select 1 doz. plants. New Fantasy Zinnia, Klondyke Cosmos, or Gleam Hybrid Nasturtiums Free with a \$3.00 order. 2 doz. Free with a \$5.00 order from pgs. 56-57.

OTHER DOLLAR NURSERY COLLECTIONS ON PAGE 28.

## 5 Beautiful HOUSE FERNS

A Big **\$1.00** Bargain

These are pot grown and well established. Not to be confused with Fern runners sometimes offered at a cheap price. They will develop into large beautiful plants in a short time and may be enjoyed the year around. \$1.00 prepaid.

As a friendly tip—feed all house plants Nu-Life Plant Food and watch them pep up. Inexpensive to use—always dependable. See page 72.

## 10 EXTRA FINE BEDDING PLANTS \$1.00

Prepaid

A collection of ten best bedding plants for diversified planting, including: Begonia, Verbena, Salvia, Petunia, Geranium, Lantana, Fuchsia, Coleus, Ageratum—an exceptional value. All 10 for \$1.00, prepaid.

## MAMMOTH MAY DAISY

For Decoration-Day Flowers

A Decoration Day Daisy—perfectly hardy, producing blooms three to four inches across, with small yellow center. The flowers are borne on stems two feet long—excellent for cutting. Beautiful in garden or border planting. They multiply rapidly, and roots should be divided in August and reset. A light winter covering of straw or litter is advisable.

See illustration opposite page.

Price: 25c each, 10 for \$2.00, prepaid. Not prepaid, 25 for \$4.50.

## SAFE ARRIVAL GUARANTEED

Complaints, if any, must be made immediately. At these prices we can only promise live plants on arrival—no replacements or further guarantee of success is possible, when plants are out of our hands.



# DECORATIVE HOUSE and BEDDING PLANTS

## PLANTS FOR PORCH AND WINDOW BOXES

Shipment in May and June.

**AGERATUM** or Floss Flower. Dwarf, compact-growing plants. Feathery blue flowers.

Price: 15c each, 10 for \$1.35, prepaid.

**CANNAS.** Brilliant red flowers. Large showy foliage. Price: 30c each, 10 for \$2.25.

**COLEUS.** Handsome foliage plant, in brilliant color combinations.

Price: 2 for 25c, 10 for \$1.00, prepaid.

**FUCHSIA.** Called Ladies' Ear Drop. An old-fashioned house and window box plant.

Price: 20c each, 10 for \$1.65, prepaid.

**GERANIUM.** The most popular of all house and window box plants. In red, salmon, rose-pink, white. Well developed plants in bloom or bud.

Price: 25c each, 10 for \$2.00, prepaid. Not prepaid, 25 for \$4.50.

**LONICERA.** French Honeysuckle Vine. Golden foliage. Price: 20c each, 10 for \$1.65, prepaid.

**MARGUERITE DAISY.** Beautiful white daisy, yellow center. Height 12-18 in.

Price: 15c each, 10 for \$1.35, prepaid.

**PETUNIA.** Balcony type in pink, purple and white. Price: 15c each, 10 for \$1.35, prepaid.

**VERBENA.** Very showy, dwarf plants, in red, pink, lavender and white.

Price: 15c each, 10 for \$1.35, prepaid.

**VINCA.** The most popular vine for window boxes. Price: Strong plants 20c each, 10 for \$1.65, prepaid.

Earliest of All Daisies.



Mammoth May Daisies. (Opposite Page.)

## BEDDING AND BORDER PLANTS

Twice transplanted, shipped from flats—not potted—not in bloom.

**AGERATUM, (Dwarf.)** Feathery blue flowers for border planting.

**ALYSSUM.** Dwarf plants, white flowers, free blooming border plants.

**ASTERS.** Wilt resistant type, in pink, purple, white and red colors.

**LARKSPUR, Annual.** Blue flowered spikes, always popular and showy.

**PETUNIA.** Medium size, single flowers. Rosy Morn, pink—Bluebird and Snowball.

**SALVIA.** Also called Scarlet Sage. Crimson flowers, blooming mid-summer to fall.

**SNAPDRAGON.** Free blooming—well known flowers, in rose, pink and gold colors.

**VERBENA.** Brilliant flowers from June to frost, in blue, pink, scarlet and rose.

**VINCA ROSEA.** Star-like flowers, rosy, purple and white, with reddish eye. Free blooming plants, glossy green foliage.

Prices: Your choice of above bedding plants—dozen, 35c, 100 for \$2.35, prepaid.

### Pansy Plants

Large Flowered Varieties in All Colors and Shades

Price: Large size plants in flower—dozen 60c, 3 dozen \$1.50, prepaid.

Medium size plants in bud—dozen 40c, 3 dozen \$1.00, prepaid.

### Hardy Chrysanthemums

See Color Page 40.

**JEWEL PINK.** Deep orchid pink color. September blooming.

**RODELL.** Yellow, golden. October blooming.

**ALADDIN,** bronze. Earliest of all and most outstanding of the hardy Chrysanthemums. See color page 40.

**JEAN TREADWAY.** Sparkling pink, with rose center.

**RED FLARE.** Large, double mahogany red blooms.

Price: 3 for \$1.00, 5 for \$1.35, prepaid.

### FREE OFFER

Your choice of the following flower-plant novelties with your order from pages 56 & 57. Newest Fantasy Zinnia, Giant Klondyke Cosmos, Gleam Hybrid Nasturtium. Select one dozen free with a \$3.00 order; two dozen free with a \$5.00 order. Must be requested when order is placed. Shipment in May.



Boston Fern.

## Easter Flowering Plants

To arrive in bloom for Easter, Mothers Day or Decoration Day. All F. O. B. Faribault.

**EASTER LILIES.** Most popular large flowering white Lily. Plants shipped in bud, timed to open for Easter. Average size plants, \$1.00, larger plants \$1.50 each.

**BABY RAMBLER ROSES.** To arrive in mass of buds and blooms. These may be planted out of doors after blooming and will continue to bloom throughout the summer and fall. Average size plants, \$1.00, larger plants \$1.50. Not prepaid.

**FRENCH HYDRANGEAS.** Also called Poreh Hydrangea. Beautiful ball-shaped flowers, in pink, red and blue shades. To arrive in full bloom. Average size plants, \$1.00. Larger plants \$1.50. Not prepaid.

**CALCEOLARIA.** (Moccasin Flower). A beautiful plant, well covered with moccasin-shaped flowers in a wide range of colors. Excellent gift. Large size plants, \$1.00 each.

A Fine Gift for Flower Lovers. Order early.

## HOUSE PLANTS

**BABY RAMBLER ROSES.** In bloom and bud. Price: Average size plants \$1.00. Larger plants \$1.50. Not prepaid.

**BEGONIAS, REX.** With outstanding, large, brilliant foliage. Always showy, easy to grow.

Price: 35c each, 10 for \$2.50, prepaid.

**FRENCH HYDRANGEA.** Beautiful ball-shaped flowers in pink, red and blue shades. To arrive in bloom.

Price: Average size plants, \$1.00, larger plants \$1.50, not prepaid.

**FUCHSIA, Ladies' Ear Drop.** Old-fashioned house plant. Large size plants.

Price: 30c each, 10 for \$2.25, prepaid.

### Geraniums

Most Popular of All House Plants and Easiest to Grow.

Well developed plants, in bloom or bud.

LaContable. Rose pink. Radio. Red.

Madame Landry. Salmon. White Queen.

Price: 25c each, 10 for \$2.00, prepaid. Not prepaid, 25 for \$4.50.

**IVY.** Super-branching. Newest, dense growing Ivy Plants for indoor culture. Very popular. Price: 30c each, 10 for \$2.25, prepaid.

**LANTANA.** Very showy plants, easy to grow. Beautiful flowers in bronze, pink and orange.

Price: 20c each, 10 for \$1.65, prepaid. Not prepaid, 25 for \$3.00.

**PELARGONIUM (Azalea).** Very free blooming. Flowers resemble Azalea, beautiful foliage.

Price: 35c each, 10 for \$2.50, prepaid.

**PETUNIA, California Giants.** World's Beauty, newest variety. All double flowers in brilliant shades of rose, lavender and red. Flowers mammoth size. Blooming from April to fall.

Price: 35c each, 10 for \$2.25, prepaid. Not prepaid, 25 for \$5.00.

**SANSEVERIA (Snake Plant).** Very decorative, striking foliage, easy to grow. One of the most popular house plants.

Price: 30c each, 10 for \$2.25, prepaid. Not prepaid, 25 for \$4.50.

### Beautiful House Ferns

**Boston.** Rapid grower—the most popular large variety. (See illustration.)

**Whitmani.** Fine cut leaf, feathery foliage.

**Sprengeri, or Asparagus Fern.** Easily grown.

**Plumosis.** Maiden hair type. Very graceful.

**Miniature.** Table fern, very popular.

Price: 30c each, 10 for \$2.25, prepaid.

**Greenhouse Size.** Fully developed, large Ferns, well rooted. Price: 75c each, 10 for \$5.00, prepaid.

### NU-LIFE PLANT GROWER

A most highly concentrated plant food. Will pep up the sickest plants. Easy to apply. Inexpensive, and a guaranteed plant life-saver.

Price: Liberal trial package 10c, 1/2 lb. 30c, 1 lb. 45c, prepaid. See page 72.

### Lenox Misty Sprayer

Just the thing for house plants. It throws a misty spray under or over the plants, thoroughly drenching the foliage and removing dust and insects. Any liquid insecticide or poison can be used, and every part of the plant can be sprayed effectively. Price: 75c. Extra bulbs 30c each, prepaid.

For Insecticides see page 73.



# PASTURE AND MEADOW MIXTURES



Many Tons of Palatable Hay good for all Livestock, were Produced from this Timothy and Alsike Meadow.

## PASTURES ARE PROFITABLE

Pastures furnish not only one-half of the total feed for animals, but the only really cheap feed.

The better management and improvement of pastures is one of the most important needs of American agriculture. Well-planned and properly-managed pastures not only provide a large amount of nutrition for livestock, but also serve to keep down weeds.

By the use of pastures, animals harvest their own feed, chores are reduced, the manure is left on the land, animals have a better choice of feed, and gains are cheaper.

All classes of livestock do well on pastures which are very important to the health of these animals and economy of production.

Combinations or mixtures of suitable pasture plants are generally more desirable than one kind of plant seeded alone. The mixture affords variety, adds palatability and often increases the production per acre. A single grass or legume may fail to make a good stand when others catch well. Very frequently gaps or open places are filled up by a mixture. It is considered very important to include both grasses and legumes in pasture and meadow mixtures.

### TIMOTHY AND ALSIKE MIXTURE

#### Permanent and Productive

1. It makes an excellent permanent pasture as both grasses are perennials.
2. It may be grown on slightly acid soil where Red, Sweet Clover or Alfalfa do not thrive.
3. The hay produced is very leafy, of fine quality and richer in protein than Timothy alone.
4. More tons per acre can be produced.
5. Fertility will be added to the soil through the Alsike, and the Timothy will grow much better as a result.
6. All classes of livestock like the hay.
7. Good returns may be expected on uplands as well as lowlands.
8. Timothy and Alsike mixed will produce more feed per acre than if two separate fields of Timothy and Alsike were grown for hay and mixed.
9. More seed is produced per acre than from two separate fields of Timothy and Alsike. This allows us to make a lower seed price to the farmer than if he bought Timothy and Alsike seed separately and mixed them.

We offer two mixtures of Timothy and Alsike. One contains 20% to 25% Alsike, and is a very popular mixture, grown to a great extent. For those who wish a larger percentage of Alsike, we supply a mixture having 30% to 35% Alsike. This mixture is becoming increasingly popular and we believe that from now on it will be in as big demand as the 20% to 25% mixture. Sow about 12 lbs. of either mixture to the acre. Price: Lb. 25c, 5 lbs. \$1.00, postpaid. For prices on larger quantities, see Blue Figure Price List.

### Special Mixture for Thin Alfalfa Stands

During the past few years, many promising fields of Alfalfa have been thinned out due to drought. Inasmuch as Alfalfa is perhaps the outstanding hay crop grown in the country, and since in some localities it is somewhat difficult to get a stand, the Ohio Experiment Station has found that by seeding a special mixture on Alfalfa fields that are somewhat thin, an abundance of hay or pasture of high feeding value may be obtained.

Springtooth or disc the Alfalfa field early in the spring and seed the following mixture, harrowing it in lightly after seeding: 4 lbs. of Alfalfa, 4 lbs. of medium Red Clover, 2 lbs. of Alsike Clover, 2 lbs. of Timothy. Mix your seed well and plant this quantity per acre. A very fine field of hay or pasture will result if growing conditions are favorable.

### ALL SEASON PASTURE AND MEADOW MIXTURE

For all soils except low, wet ground. We offer this special pasture and meadow mixture designed to supply hay or grazing throughout the entire season. This mixture is made up of hardy, strong-rooted grasses and clovers and will resist the extremes of our cold northern winters and hot, dry summers; also endures close pasturing.

Pasture and hay lands, when used for feeding livestock, have shown more profits than most other kinds of crops. In the government program to curtail production of grains and corn, pasture and hay combinations are recommended to be planted on those acres which otherwise would be idle. In the past there has always been a shortage of high quality hay in many sections of the country and it will be many years before an oversupply can be produced.

This All Season Mixture includes Kentucky Blue Grass, Timothy, Red Top, Alsike, Red Clover, Brome Grass, Meadow Fescue, and Domestic Rye Grass in proper proportions. Sow at the rate of 25 lbs. per acre. Price: Lb. 35c, prepaid. Not prepaid, 10 lbs. for \$2.75. See Blue Figure Price List for larger quantities.

### MIXTURE FOR LOW WET GROUND

For land that is occasionally overflowed. This pasture and meadow mixture contains grasses that withstand overflowing of the land without being drowned out. The following mixture has proved most satisfactory for this purpose: Red Top, Timothy, Alsike, Brome Grass, Domestic Rye Grass and Reed Canary Grass, mixed in the proper proportions. After a few seasons, the Red Top, Brome Grass and Reed Canary Grass will predominate, giving you a permanent pasture or meadow that will yield many tons of hay having high feeding value.

Where a single grass is preferred, we would recommend Reed Canary Grass. (See page 59.)

Sow 20 to 25 lbs. per acre. For top seeding, sow 10 to 15 lbs. per acre. Price: Lb. 35c, prepaid. Not prepaid, 10 lbs. for \$2.75. See Blue Figure Price List for larger quantities.

### PERMANENT HOG PASTURE MIXTURE

Permanent Hog Pasture Mixture contains the following mixed in the right proportion to produce the greatest feeding value:

|                |                     |
|----------------|---------------------|
| Alfalfa.       | Meadow Fescue.      |
| Red Clover.    | Domestic Rye Grass. |
| Alsike Clover. | Bromus Inermis.     |
| Sweet Clover.  | Timothy.            |

This mixture can be sown any time, from early spring until midsummer, and does not require any particular kind of soil, in fact, any soil that produces crops of small grain or corn, will answer the purpose. Because of the large amount of clover and alfalfa it contains, it serves the double purpose of providing the hogs with pasture of high feeding value, and building up the soil at the same time. Sow 25 lbs. per acre. Price: See Blue Figure Price List.

### ANNUAL HOG PASTURE MIXTURE

#### ONE ACRE ENOUGH FOR 40 SPRING PIGS OR 20 OLDER HOGS

This mixture was put up to meet the demand for a pasture that will develop young pigs rapidly, and produce pork at a minimum cost. It contains all the necessary body and bone building elements, and will prove much more economical than the use of corn, grain and mill feed throughout the year. A good pasture of legumes, grasses and grains, will keep hogs in healthy condition, fatten them quickly, so that but little corn is required to finish them off. Our balanced ration mixture consists of the following in the right proportions:

|             |                   |
|-------------|-------------------|
| Amber Cane. | Rye.              |
| Vetches.    | Oats.             |
| Field Peas. | Dwarf Essex Rape. |
| Barley.     | Sudan Grass.      |

One acre of pasture sown to this mixture is sufficient for 30 to 40 spring pigs, or 15 to 20 older hogs. It is best to divide the hog pasture into two parts and change the hogs from one section to the other, about once a week, to give the grains and grasses a chance to recuperate. Sow at the rate of 60 to 85 lbs. per acre. Price: See Blue Figure Price List.

We offer free, if requested, with an order for Pasture and Meadow Mixtures of \$2.00 or more, the valuable booklet entitled, "Our Pastures—They Deserve Better Care," Published by the International Harvester Co.

F. S. & N. Co.

Again am sending for Reed Canary Grass Seed. We are just managing to break up low land as the water recedes. Three lbs. will seed the square we have broken.

We are very delighted over the small field that we started last year and that sown early this spring is growing splendidly. Hope you have enough seed left to supply us.

Thanks for all the good seed you have furnished us in the past, and believe us, when we say that when we plant, it will have to be with "Master Farmer Seeds" from Faribault.

We have told many where we bought the seed as they admired the heavy stand. So hope we are advertising your worth while seeds.

June 30th, 1935

N. P. Jensen, Maiden Rock, Wis.



# HARDY GRASSES

## REED CANARY GRASS (Cert.) (Phalaris arundinacea)

The Peat and Swamp Land Wonder Grass

There is a reason for the great popularity of Reed Canary Grass. It has reclaimed many worthless swamps and is making real profits for hundreds of farmers. It is especially adapted to boggy soils, swamps and marshes. Reed Canary is not a new grass, but has been grown in central Minnesota for about 30 years.

### Six to Ten Tons of Hay Per Acre

Such yields are not unusual. The hay has high feeding value and is eagerly consumed by all livestock. One acre will pasture three to four dairy cows throughout the season. The great demand for Reed Canary Grass Seed also is a source of a fine profit.

### A Hardy Perennial Grass

Reed Canary Grass is a perennial and will thrive until broken up. The plants are cold resistant—both as seedlings and in the mature stages. Reed Canary Grass is not a dangerous grass like Quack, but can be easily controlled by plowing. This grass grows rapidly, beginning early in the spring. The heads appear about the first week in June and are ripe about four weeks later. Leaves are broad, light green in color, and the plants often grow five to six feet in height. The underground stems rapidly form a tough sod that will hold up hay-making machinery without difficulty.

### How To Grow the Crop

Prepare a good seed bed, for it will take less seed and make a better stand. If possible, plow in the fall which allows early seeding in the spring. The seed will germinate in water, but if covered by soil underneath the water, it will not grow until the water has drained off.

Experiments have shown that Reed Canary Grass responds readily to planting with a companion crop such as flax, small grains, Timothy or Bromus Inermis. The value of planting such a crop is as follows: it will hold the weeds in check; it will shade the ground and keep it from drying out so quickly, thus protecting the young Reed Canary Seedlings which grow so much more slowly than other grasses until they are fully established. After Reed Canary Grass is out of the seedling stage, it grows very rapidly and will crowd out all other grasses and weeds so that eventually you will have a permanent meadow or pasture, consisting entirely of Reed Canary Grass.

### Rate of Seeding

Sow any one of the following companion crops with Reed Canary Grass: flax at the rate of 35 to 42 lbs. per acre—small grains at one-half the regular rate. Timothy broadcast at the rate of 4 to 5 lbs. per acre, or Bromus Inermis broadcast at the rate of 4 to 5 lbs. per acre.

Sow the seed in the spring as early as possible so that the seedlings may become well established before the weeds begin to grow. On very weedy land, seed the last week in June or the first week in July, discing your land up to this time in order to kill the weeds. Seeding may also be done in August or in October if there is any difficulty in getting onto your land in the spring. The seed should be sown at the following rate—broadcast, 5 to 6 lbs. per acre; drilled, 2 to 3 lbs. per acre in 16 to 18-inch rows. Use a packer on peat after seeding.

Reed Canary Grass will produce an abundance of pasture from early spring until fall. It should be kept grazed very close except in the fall. For hay, cut as soon as the heads begin to appear as the grass contains the highest feeding value and is finest at this stage. Two or three crops of hay and some fall pasture may be obtained by such a practice. Price: Lb., 35c. Subject to price change. See Blue Figure List.

## TIMOTHY

A hardy, perennial resistant to both cold and drought—it is best adapted for sowing with Clovers which supply nitrogen to the soil and increase the vigor of the Timothy. It may also be sown with grains as a nurse crop. The soil must be well pulverized and the seed slightly covered. Do not cut too early or pasture too late in the fall after the hay is cut. Timothy produces 1½ to 3 tons of hay per acre and should be cut at flowering time. Sow 15 to 20 pounds per acre alone; with Clover, 10 to 12 pounds per acre. Price: Lb. 20c, 5 lbs. 75c, postpaid. See Blue Figure Price List.

## CRESTED WHEAT GRASS

The Ideal Dryland Pasture Grass

Crested Wheat Grass is a hardy, drought-resistant perennial bunch grass. It has a longer productive period than Slender Wheat Grass or Bromus Inermis. It is native to the cold, dry plains of Russia and Siberia, and it is particularly adapted to the Great Plains section of the United States.

Probably due to its extensive root system which permits storage of abundant food reserves and ready utilization of water, Crested Wheat Grass makes an early and rapid growth. It has a tendency to become dormant during an extremely hot dry period, but resumes its growth in early fall, continuing until late in the season. It grows at low temperatures and is able to utilize the soil moisture and to check the growth of other grasses and weeds where the moisture supply is limited. In the semi-arid regions—Kansas, Nebraska, Montana, Wyoming and the Dakotas, this grass does best, although it appears to do well anywhere. When used as pasture for sheep, no matter how badly it has been subjected to use, it comes right up again.

### Seed Production Profitable

Crested Wheat Grass produces 400 lbs. of clean seed per acre grown under dry conditions on fields two or more years old. Any good field will produce 200 to 300 lbs. per acre. There is a great demand for seed.

Sow 10 lbs. of seed to the acre. After obtaining a good stand, no cultivation is necessary, as it will choke out all weeds. Harvest it once a year. Price: Lb. 65c, 5 lbs. \$3.00, postpaid. For larger quantities, see Blue Figure Price List.

## BROMUS INERMIS

Bromus is a vigorous, hardy perennial with strong, creeping roots which makes excellent hay and pasture on poor, dry soil or on moist, low ground that is flooded at times. It may be sown on hillsides, terraces and levees to keep the soil from being washed away. It makes an early growth, two to three weeks before any other grass, and remains green until November. It will stand close cropping.

It grows 3 to 4 feet high, yielding large crops of palatable hay, 2 to 4 tons per acre. Cut for hay when in full bloom. It is also a profitable seed crop.

Sow at the rate of 25 to 30 pounds per acre with one-half the usual quantity of small grain. Price: Lb. 30c, 5 lbs. \$1.25, postpaid.

## KENTUCKY BLUE GRASS

This famous grass does well almost everywhere on soil that is fairly rich, moist and moderately well drained. For best results, there should be lime present in the soil. Kentucky Blue Grass will last for many years as the plants spread from underground roots and it rarely needs reseeding. Blue Grass is the best of all grasses for lawns, golf courses and parks. When sown alone use 35 to 40 pounds per acre. Price: Lb. 25c, 5 lbs. \$1.10, postpaid.

## DOMESTIC RYE GRASS

This grass is well adapted for pastures, meadows and lawn, as it endures close cropping and makes a dense, leafy undergrowth. It thrives almost everywhere but grows best in moderately rich soil. Domestic Rye Grass does better on moist soil, sow 20 to 30 pounds per acre. Price: Lb. 25c, 5 lbs. \$1.00, postpaid. See Blue Figure Price List.

## CREeping BENT GRASS

This grass makes a fine, dense, firm turf which withstands hard usage; it is ideal for lawns, terraces, and putting greens on golf courses because it makes a compact sod due to its spreading habit. It makes rapid growth in a year, crowding out other grasses. Our seed is true to name and of finest quality. Sow 3 to 4 pounds per 1,000 square feet. Price: Lb. \$1.10, 10 lbs. \$9.50, postpaid. See Blue Figure List.

SEE BLUE FIGURE PRICE LIST FOR QUANTITY PRICES.



After Harvesting Reed Canary Seed, a Hay Crop Can Be Cut Immediately.

## MEADOW FESCUE

This hardy western grass stands more abuse than Timothy and other grasses and will stand close cropping, drought and unfavorable soil conditions. Meadow Fescue grows two to three feet high and produces a very leafy undergrowth. In sowing alone, use 20 to 25 pounds per acre. Price: Lb. 30c, 5 lbs. \$1.25, postpaid.

## RED TOP

A hardy, perennial grass, found almost everywhere, but predominating on low, marshy ground, where it forms luxuriant growth. It grows 2 to 5 feet high, depending on soil and climatic conditions, with creeping roots, which enable it to grow on very wet and even very dry soil where other grasses grow but sparsely. It makes good pasture, and fair hay, if cut early, but the matured plants are wiry and coarse. It is best grown with other grasses and clover. Price: Lb. 25c, 5 lbs. \$1.00, postpaid.

## HARBIN LESPEDEZA

U. S. D. A. Strain No. 65280

Harbin Lespedeza is a hardy drought-resistant early strain of Korean Lespedeza introduced from Manchuria. It is designed to fill a big gap in the pastures of the northern states where other clovers and alfalfas cannot be grown to advantage.

Harbin Lespedeza makes its best growth in summer when pastures become brown and bare. It grows readily in sour soil and matures seed even north of the Canadian border. Harbin will find a place on worn acid fields and on barren patches of permanent pastures. Its habits of growth make it fit ideally into a pasture improvement program as it loves hot weather and is very drought resistant.

Harbin is a legume and should be inoculated in order to improve the soil. It will also prevent erosion as it grows rapidly and does well on bare spots and in ditches.

Harbin Lespedeza will produce as much as 600 lbs. of clean seed per acre. It is important to buy northern grown seed as some of the southern grown Lespedeza seed looks very similar to Harbin.

### Rate of Seeding

For pasture purposes, plant 5 to 6 lbs. per acre in 6-in. drills. When harvested for seed, a mower should be used and the cutting bar placed close to the ground. The plants are gathered in bunches as soon as cut and allowed to sweat out and threshed from the field with a separator or a clover huller. A sheet iron pan with a slotted top attached to the cutting bar will help to catch seed that shatters. Seed also may be cut and gathered by hand. Price: Single lbs. 50c, 5 lbs. \$2.35, 10 lbs. and more at 45c per lb., postpaid. Subject to price change.





# HARDY NORTHERN GROWN ALFALFA



The production of hardy northern grown Alfalfa Seed is again below normal. Prices, however, have been reduced considerably so that in 1936, millions of acres which have been wiped out by the drought of the past few years will be replanted. We strongly urge our farmer friends in the northern states to plant only hardy Alfalfa varieties which State Experiment Stations and reputable seed houses recommend as being adapted to their needs. We cannot too strongly emphasize the importance of knowing where your Alfalfa and other grass seeds were grown. The United States Seed Verification Service gives to the buyer of Alfalfa Seed, proper assurance that such seed was produced where stated on the Verified Origin Seed Certificate

attached to each bag. This service was inaugurated by the Government when it was found that unscrupulous seed dealers were substituting strains that were non-hardy or otherwise unadapted in place of those that were entirely suitable for the colder sections of the country. Only seedsmen who meet with the prescribed regulations can be verified origin dealers. We have qualified as such and any Alfalfa that we send you will be sealed and tagged, either with U. S. Verified Origin Certificates, or with a certificate and seal from the state in which the seed was grown.

Be sure to look for the Verified Origin Seed Tag or an authorized State Tag on every bag.

## GRIMM ALFALFA

Grimm Alfalfa was introduced by Wendelin Grimm in Carver County, Minnesota. It is a very hardy, time-tried variety, and has been tested thoroughly throughout the United States, in many foreign countries and Canada. It has many lateral or branching roots which are not found in common Alfalfas, and has large spreading crowns. It appears to grow better where there is a hardpan subsoil to contend with than many other varieties. The root system undoubtedly plays a big part in its hardiness, enabling it to withstand soil heaving, freezing and thawing better than varieties having only a single taproot. The blossoms of Grimm Alfalfa are variegated from white and yellow to deep purple.

Grimm Alfalfa produced in Minnesota, the Dakotas, Montana and Idaho is known to be very hardy. Our Minnesota Grimm is produced largely in Lake of the Woods County, near the Canadian Border. Montana Grimm is grown in the dry-land areas of Montana and is able to withstand severe drought as well as cold. The Idaho and South Dakota Grimm also come from areas where climatic conditions offer a severe test and these strains have proven themselves very suitable wherever it is cold. Therefore, any strain of the Grimm Alfalfa that we offer, Minnesota, Dakota, Montana or Idaho grown, will give you complete satisfaction. Price: Lb. 45c, postpaid. See Blue Figure Price List for Larger Quantities.

In quantities of 30 lbs. or more, Grimm Alfalfa sold in Minnesota or Wisconsin must be Registered and State Sealed.

## LADAK ALFALFA

Ladak Alfalfa was introduced in the United States in 1910 from the mountain regions of northern India by the U. S. Department of Agriculture. It was planted at Havre, Montana, in 1916, and showed practically no killing for the next ten years, while the injury in other varieties was quite noticeable. Because of its hardiness it therefore attracted considerable attention.

In the Alfalfa hay producing states a disease called wilt has begun to affect production. Ladak is highly resistant to the wilt disease.

Dry weather also affects production in many states. Ladak resists drought and produces a good yield of hay when other varieties are practically at a standstill. Where winter hardiness is a big factor in growing alfalfa, Ladak is superior as it withstands the most severe winters.

Experimental data have shown that Ladak is fully as good and possibly superior to other good varieties of Alfalfa in respect to quality of hay. It is very leafy and of high feeding value. Under dry land conditions, it is especially of high quality. Ladak has excellent yielding ability in both dry and humid regions, a high degree of winter hardiness, a good quality of hay coupled with considerable resistance to drought and bacterial wilt which disease has caused much damage in other varieties, all of which make a combination of characteristics that will give Ladak a large place in the Alfalfa hay producing sections of the United States.

Ladak produces a larger first cutting than other varieties, which makes it particularly well adapted to regions where only one or two crops are produced each year because of limitations from drought or the length of the growing season. Price: Per lb. 80c, postpaid, 5 lbs. for \$3.75.

## COSSACK ALFALFA

State Registered and Certified Grower's Affidavit Strains. Cossack Alfalfa was brought over from Siberia by Prof. Hansen of the South Dakota Experiment Station some years ago. This strain, under observance for five years in Russia, during which time not a single plant winterkilled, was proven to be absolutely hardy.

In recent years, the demand for Cossack has been increasing and there never has been sufficient seed to take care of all requirements.

Cossack Alfalfa produces a somewhat finer hay than many of the other varieties and is equally as hardy as Grimm.

Cossack Alfalfa seems to withstand intense cold, heat and drought equally well. The flowers, like those of Grimm, have a great range of colors, white, purple, yellow, striped, etc. We advise sowing 15 lbs. per acre. Price: Per lb. 45c, postpaid. See Blue Figure Price List.

## VARIEGATED ALFALFA

Variegated Alfalfa is of a type very similar to Grimm with blossoms having a color range of white, yellow and purple. It is thought by many to be of the same origin as Grimm but no definite records of the origin were kept so it cannot be definitely stated from what variety it came. It has shown itself to be completely hardy in the most severe climate of Minnesota, the Dakotas and Montana and can be recommended as being very desirable for seeding in any part of northern United States where winter hardiness is essential. Price: Lb. 35c, postpaid.

We quote prices on small quantities of Alfalfa postpaid. For prices on larger quantities, see Blue Figure Price List.

We offer two valuable booklets, entitled, "Alfalfa in the Northwest," and "Alfalfa for Feed, Seed, and Fertility"—either one free with your order.

F. S. & N. CO.

*The Ladak Alfalfa is comparatively new in this locality. However its performance these two years, both in hay and seed, and its style of establishing itself even on new breaking, make it an outstanding plant.*

*We enjoy the looks of a field of this Alfalfa. It has all the characteristics of a thoroughbred.*

*Its evenness as to size and stand, the vigor and sturdiness of the plants, uniformity in its bloom and ripening of seed, its ability to stand up without lodging and yet having stems that are fine and carry lots of leaves—these are all good points.*

*Being both a dairyman and a seed grower, the finding of a plant like this is something great.*

*Yours truly, Carl Opsata.*

Bemidji, Minn. Dec. 18, 1935.

## Hardy Common Alfalfa

### DAKOTA NO. 12

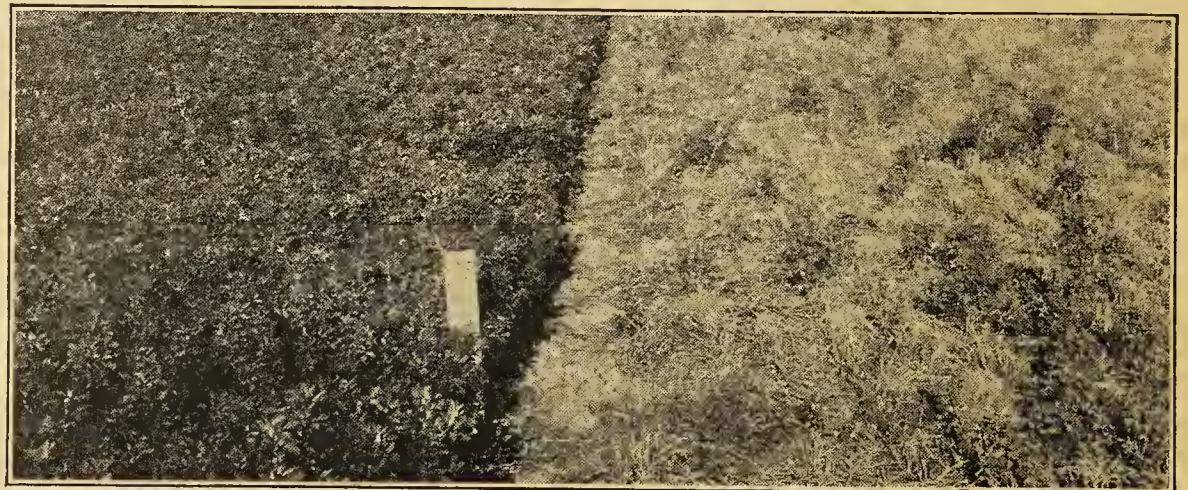
This is the most commonly grown variety of Dry Land Alfalfa since it has given the best of results on all types of soil and under all climatic conditions. Our seed stocks come from fields that have been in Alfalfa 25 to 30 years or more and the plants which endure the extremes of hot summers and severe winters and dry, high altitudes are thoroughly hardy. Only a fair crop of seed of this variety was harvested because of the dry season and consequently, there will not be an oversupply. As Dakota No. 12 is always in great demand, we suggest placing your orders as early as possible. The performance of this variety has made it extremely popular in southern Minnesota, Iowa, Illinois and other states in the mid-west and east. While hardiness is not such a great factor in the southern states, Dakota No. 12 is in demand as it is a producer of a large tonnage of hay. Price: Lb. 35c, prepaid. See Blue Figure Price List.

### MONTANA COMMON

This strain resembles Dakota No. 12 in hardiness, yields and quality of hay. The climatic conditions under which it is grown are as severe as any found in this country and consequently only those plants that are hardy have been able to survive. We offer you seed from fields that have been established for many years and we can recommend this variety for Northwest conditions. Price: 45c per lb., postpaid.

### NORTHWESTERN ALFALFA

This is a strain of Alfalfa which can be depended upon for the production of large crops of hay or pasture and has proven to be well adapted in the northern part of the country, especially where there is a good snow protection during the winter. Throughout the Corn Belt states there is a very large demand for this variety since it yields a large tonnage of hay. Our seed is grown in Montana. Price: Lb. 35c postpaid. See Blue Figure Price List.



Hardy Grimm on the left; non-hardy seed on the right.



# What to do With Acres Taken out of Production



In the Agricultural Adjustment Program the government is contracting for many million acres of land to be removed from the production of wheat, corn, tobacco and cotton. Most of these acres will be devoted to pasture, meadow crops and soil improvement crops.

The following practices are among those approved by the government:

1. Plant as a permanent pasture such grasses as Blue Grass, Red Top, Orchard Grass, Meadow Fescue, Timothy, Red Clover, Alsike Clover, White Clover, Sweet Clover, seeded alone or in proper mixtures.
2. Plant meadow crops such as Clover, Timothy, Alfalfa.
3. Plant soil improvement crops to be plowed under, such as Soy Beans, Vetch, Rye, Field Peas, Sweet Clover and other cover and green manuring crops.

There is a great need for more acres of hay, pasture and soil improvement crops, and those kinds that we list are recommended by experiment stations and the United States Department of Agriculture.

We urge you to buy only high quality seeds, for you then can be assured of the very best results.

There will be many acres of Clover and other grasses planted to hay and pasture and as the supply of hardy northern grown seed is not over-abundant, there is likely to be a shortage in some of the varieties. In order to be certain that you will have sufficient seed to take care of your acreage, we suggest that you place your order without delay. A down payment will hold the seed until wanted and the balance can be sent at shipping time.

The "Master Farmer" trade-mark assures you of the very finest seed obtainable. Insist on the "Master Farmer" brand when you buy your seed.



## MINNESOTA GROWN CLOVER SEED

Only Northern Grown Clovers can be depended upon for Hardiness

There is much complaint of worn-out soils, weeds and unprofitable crops coming from those who secured bountiful yields and satisfactory profits when the land was new. Those who have used Clover regularly in the cropping system have no such complaints. Some kind of Clovers may be grown in practically every part of the United States. They have beneficial action on the soil and may be seeded with practically all kinds of grains. Clovers also serve as outstanding hay and pasture crops.

Clovers are an important factor in soil renovation through maintaining or increasing in the soil the supply of vegetable matter and the supply of nitrogen.

Clovers have a heavier root system that leaves vegetable matter and fertility in the soil when it dies or when plowed under. Clover should be cut for hay as soon as the first blossoms begin to turn brown. This will result in the greatest yield of palatable hay.

### MEDIUM RED CLOVER

Medium Red Clover fits better into crop rotations than any other legume. It will increase the yield of succeeding crops, besides furnishing many tons of hay of high protein content. The first crop is usually cut for hay, before it comes into full bloom. The second crop may be cut for hay or seed or turned under, to fertilize the soil.

Red Clover is a biennial which means that it will grow for two seasons only and then must be reseeded. It is adapted to any well drained soil free from acidity and is better for general northwest conditions than any other clover. It furnishes luxuriant pasture and hay for cattle but is not quite so good for horses.

Sow Red Clover at the rate of 10 lbs. per acre with small grain or flax. Use about one-half or two-thirds of a normal seeding of grain or flax so as not to smother the clover. We use a clover seed attachment to the grain drill, sowing the seed ahead of the drills and cover it lightly with a harrow. Price: Lb. 35c, postpaid. See Blue Figure Price List.

### ALSIKE CLOVER

Alsike Clover has the same soil-building properties as Red Clover, storing nitrogen in the soil, thereby increasing the yields of succeeding grain and corn crops from 25 to 50%. It is a true hardy perennial, with fiber instead of tap roots, and is not injured by thawing and freezing.

Alsike can be sown on soil that is slightly acid or sour, where lime cannot be applied, and where other clover or alfalfa will not grow. It can be sown on heavy, wet, or low soil that sometimes becomes waterlogged, and also endures drought well.

It makes better hay than Red Clover, because of its fine smooth leafy foliage. Its feeding value is nearly equal to that of alfalfa. It makes very fine pasture, as it is extremely hardy.

The seed of Alsike is very fine, therefore, only 7 or 8 pounds per acre are required. As a seed crop, it is often more profitable than Red Clover. It is cut for seed when two-thirds of the heads are ripe.

Alsike Clover has its place in the crop rotation the same as Red Clover and for best results is usually reseeded at the end of two years' growth. Price: Lb. 35c, postpaid. See Blue Figure Price List.

### MAMMOTH RED CLOVER

Extremely hardy, and valuable for fertilizing poor soil which is too low and heavy for growing Red Clover. It makes the best permanent hog pastures, seldom freezing out, and produces a large crop of hay, as much as 3 to 5 tons to the acre. Sow 5 to 6 lbs. per acre, with small grain, for plowing under. For a hay crop, sow 8 to 12 lbs. per acre. Grows on acid soil where Medium Red and Alfalfa fail. Yields again as much as Medium Red Clover, though the hay is rather coarse. Price: Lb. 35c, postpaid.

See Blue Figure Price List for Quotations on All Farm Seeds.

### WHITE CLOVER

Best for lawns and pastures. White Clover is sown mostly in mixture with other grasses, especially with Blue Grass, for lawns, golf grounds, also for pastures for sheep and cattle. It thrives best in moist soil containing lime and considerable humus, but is also grown on sandy soil which is not too loose and dry. For lawns sow 5 to 6 lbs. mixed with grass seeds, to the acre. Price: Lb. 45c, 5 lbs. \$2.00, prepaid. See Blue Figure Price List.



Clovers Enrich the Grower as Well as the Land.

—(Courtesy International Harvester Co.)

### TEST YOUR OWN SOIL WITH SOILTEX

Success with alfalfa, clover, sweet clover, soy beans, and other legumes, depends largely upon the condition of your soil. If it contains acid, you cannot expect a good stand. To correct acid soil condition, crushed lime rock may be spread on the land, at the rate of 1½ to 4 tons per acre.



SOILTEX enables you to determine if your soil needs lime, and how much. The test is very simple. A small quantity of soil is placed on waxed paper folded lengthwise, and the Soiltex solution dropped on one end of the soil until it is saturated. After standing a short time, the solution is drawn from the other end of the soil and its color compared with the color chart, to determine the reaction and lime requirement. Directions with each outfit, and material for 100 tests.

SOILTEX outfits are being used in agricultural colleges, by county agents, farmers. Price: \$1.00, postpaid.



# SWEET CLOVER

## Sweet Clover as a Hay or Pasture Crop

Sweet Clover is the leading crop in the United States. As a biennial legume, it fits in with any crop rotation, besides yielding a very large return of hay and pasture. Sweet Clover may grow one to three feet the first season and may be clipped for hay or pastured lightly if it makes a good growth. During the second year, it grows very dense and rapidly and if cut for hay, it should be done early in the season, before the blossoms appear and the stems become woody.

Cut Sweet Clover six to eight inches above the ground. Allow the hay to wilt a few hours, then place in small cocks until it is dry enough to stack. One acre furnishes pasture for two to four cows throughout the season. Cattle rarely bloat on it.

## As a Soil Builder and Weed Control

Sweet Clover grows on clay, sandy, alkaline, or gumbo soil. It prevents drifting of shifting sandy soils. The hardpan subsoil is loosened by the heavy penetrating roots, allowing the necessary aeration and depositing large quantities of humus and nitrogen. Sweet Clover is a rank, dense grower of great value in exterminating weeds such as quack grass, thistle, etc.

Use 15 lbs. of scarified seed per acre with a nurse crop of one-half the usual seeding of oats or wheat or 28 to 35 lbs. of flax per acre. Firm the seed bed well after planting. Inoculate with Nitragin or Master Farmer Inoculator.



"Sweet Clover—The Sweetheart of the Northwest." This is the title of an interesting and valuable booklet published by the International Harvester Co. Sent free with orders for Sweet Clover upon request.

## WHITE BLOSSOM SWEET CLOVER

This makes the rankest, tallest growth of any clover, producing the biggest hay crops and most luxuriant pastures. Because of its dense growth and the great size of its root system, it is the best soil enricher and green fertilizer. It is the best crop to grow to prepare the ground for a stand of alfalfa.

The plant looks much like alfalfa, especially when young, but the leaves are not quite as smooth, and taste slightly bitter. It forms a main stem from which the side branches grow, while in alfalfa the crown sends up numerous shoots.

Our seed is of fine quality, free from foul weed seeds, and of highest germination. Price: Lb. 20c, 5 lbs. 80c, postpaid. See Blue Figure Price List.

## YELLOW BLOSSOM SWEET CLOVER

This variety is dwarfer, finer and more spreading than the white. It makes a very fine quality hay and pasture. Yellow Blossom Sweet Clover is 10 to 15 days earlier in maturing its seed, and where seasons are very short or unfavorable, there is an advantage in sowing this strain.

It can be cut for hay very early, and close to the ground, whereas the white must be cut high. It is also excellent for bees supplementing the use of the white variety, and extending the season, on account of its earliness. Price: Lb. 20c, 5 lbs. 80c, ppd. See Blue Figure List.

## HUBAM SWEET CLOVER

Hubam is an emergency pasture and hay crop to be sown in seasons where drought, freezing injury or other adverse conditions have wiped out pastures and meadows, leaving the farmers without any definite hay prospects. Hubam is a rapid grower and once it is well established can be pastured as you would pasture the biennial varieties of Sweet Clover.

Hubam is an Annual Sweet Clover. It is best suited for the Corn Belt section. It grows from 3 to 7 ft. high. It will produce as much as 3 tons of hay per acre, cut just before blossoming time. It grows on any good non-acid soil, and should be sown alone the same rate as other sweet clovers. Hubam will produce a seed crop in this latitude, in favorable growing seasons. Price: Lb. 25c, 5 lbs. \$1.00, postpaid. See Blue Figure Price List.

## GRUNDY COUNTY SWEET CLOVER

Grundy County Sweet Clover is preferred by many farmers since it does not grow quite as tall as the common White Blossom variety and it produces finer stems and a greater number of leaves, making it better adapted for hay purposes.

It matures earlier so that the hay crop can be cut before the small grain is harvested.

It produces a seed crop earlier than other varieties and this is an advantage in many localities that are subjected to early frosts. The hay cures more rapidly than the common tall variety and is very palatable.

Grundy County Sweet Clover makes an excellent pasture but it does not last as late in the season as the common tall variety. Price: Lb. 20c, 5 lbs. 80c, postpaid. See Blue Figure Price List.

F. S. & N. Co.

March 21, 1935

Please send me your price list for Grimm Alfalfa Certified Seed, like the good and pure seed which we bought from you 6 or 7 years ago. It came up so I had the nicest stand a person could wish for, and moreover, I want to give honor and credit for sending me such pure seed for there was not a foul seed in those 5½ acres seeded in with seed. Those around me who seeded in Alfalfa Seed got that bad Russian Thistle in the patch.

H. W. Thompson, North Branch, Minn. R1

## INOCULATE ALL LEGUMES

(Alfalfa, Clovers, Peas, Beans, Soy Beans, Vetch and Lespedeza)

All legumes should be inoculated to be assured of best results. They draw nitrogen from the air which is the chief plant food and deposit it in the small nodules on the roots of the plants. Thus nitrogen is stored up in the soil, enriching it and stimulating the growth of the plants. The inoculated seed produces heavy clusters of nodules.

Nitragin and Master Farmer Inoculator are the two outstanding inoculants. They are put up in cans of convenient size bearing the date of packing. To those who want the

original legume inoculator and wish to be assured of the finest quality, we recommend Nitragin. We also offer Master Farmer Inoculator, which is the same high quality inoculator, far better than most inoculators on the market and yet it sells in competition with the cheaper products. Whether you use Nitragin or Master Farmer Inoculator, you will have excellent results. When ordering, always state what kind of seed you want to inoculate.



### INOCULATOR PRICES

When Ordering, Always Specify Name of Seed

Alfalfa, all Clovers

| Size          | Retail |
|---------------|--------|
| 1/2 bu. ea.   | \$.35  |
| 1 bu. ea.     | .60    |
| 2 1/2 bu. ea. | 1.25   |

Vetch, Austrian Peas,

Canadian Peas, Beans

Size

| Size          | Retail |
|---------------|--------|
| 1/2 bu. ea.   | \$.30  |
| 1 bu. ea.     | .45    |
| 1 1/2 bu. ea. | .70    |
| 5 bu. ea.     | \$2.00 |

\*"100 lb. size," Packed only for Vetch and Peas.

### LESPEDeza

Unhulled or Hulled

| Size      | Retail |
|-----------|--------|
| 1 bu. ea. | \$.35  |
| 2 bu. ea. | .60    |
| 5 bu. ea. | 1.25   |

Soy Beans, Cow

Peas, Lima Beans

Size

| Size        | Retail |
|-------------|--------|
| 1 bu. ea.   | \$.35  |
| 2 bu. ea.   | .60    |
| 5 bu. ea.   | 1.25   |
| 10 bu. ea.  | 2.00   |
| *25 bu. ea. | 3.75   |

\*"25 bu. size," Packed only for Soy Beans, Cow Peas.

Garden Size

NITRAGIN for

Garden Peas, Beans,

Sweet Peas, Lima

Beans and Lupines

Inoculates from 1 oz. to

8 lbs. seed.

Retail Price... .25c each

### DOUBLE PROFITS FROM LEGUMES

Experiments made by Agr. Colleges report increased yields of alfalfa hay, amounting to as much as 40%, due to inoculation, which costs about 20c an acre. Such an increase emphasizes the importance of inoculation in getting larger yields. It is the extra yield that brings the net profit.



## MASTER FARMER INOCULATOR

Billions of Live Bacteria will stimulate plant growth if you use Master Farmer Inoculator.

Costs less than other inoculants—but is backed by the "Master Farmer" quality guarantee. Don't take a chance—inoculate all legumes.



### PRICES

When ordering, always specify kind of seed.

| All Clovers, Alfalfa, Lespedeza. |        | Peas, Vetch, Beans, Cow Peas, Soy Beans, Peanuts. |        |
|----------------------------------|--------|---------------------------------------------------|--------|
| Size                             | Price  | Size                                              | Price  |
| 1/2 bu.                          | \$.035 | 1 bu.                                             | \$.035 |
| 1 bu.                            | .50    | 2 bu.                                             | .50    |
| 2 1/2 bu.                        | 1.00   | 5 bu.                                             | 1.00   |

Yields of Soy Bean Hay tripled and Soy Bean Seed doubled by inoculating.



## BLACK STEM RUST RUINED 1935 CROPS



Rust ruined practically the entire Northwest wheat crop and did considerable damage to other grain—thereby causing losses of millions of dollars. Such losses are unnecessary, for by planting the new varieties of seed grains introduced in the recent years, you can eliminate this hazard.

Outstanding among the rust-resistant varieties are: Thatcher, Hope, Ceres and Mindum Durum Wheats; Iogold, Anthony and Minrus Oats.

### HOPE WHEAT

**Rust and Smut Resistant.**

Since its introduction, Hope Wheat has spread rapidly throughout the spring wheat section. It is the one variety that combines the highest resistance to black stem rust with resistance to smut, root rot, scab and other diseases. What the farmer wants is a wheat that will give good returns every year, and Hope comes nearest being that variety. Until other varieties are proven superior, we recommend growing Hope in the general areas affected by rust, smut and drought.

Hope Wheat is the result of a cross between Emmer (Speltz) and Marquis made by Edgar S. McFadden, a South Dakota plant breeder. It is a bearded variety and combines the desirable qualities of the Emmer parent, namely flexible straw, resistance to drought, heat, black stem rust and smut, it resists shattering by wind and hail and is well adapted for combine harvesting which appears to be the coming method of harvesting grain in the Northwest. From Marquis it gets its high milling quality as well as many of its plant characteristics.

Hope proved its worth in 1935, during the great rust epidemic. Because it is bearded, it appears to have the ability to withstand drought better than other kinds. Hope Wheat is in great demand, the same as other rust-resistant varieties, and the supply is limited.

**For Prices: See Blue Figure Price List.**

### CERES WHEAT

**Rust Resistant**

Ceres is a hard, red spring wheat developed by the North Dakota Experiment Station. It is a bearded variety quite resistant to rust and an excellent yielder. It has a very good milling quality and is especially recommended for the whole spring wheat section. Ceres Wheat has been grown for a number of seasons and has produced yields from 30 to 45 bushels or more per acre. The plants grow uniformly, and under normal conditions will produce three to four plump kernels in each spikelet. Ceres was the first rust resistant variety put on the market.

**For Prices: See Blue Figure Price List.**



All seed grains including wheat, barley, oats, rye and sorghum are susceptible to smuts of various kinds which reduce the yields from 10% to 50% in many instances. Some varieties are attacked more vigorously than others, but no matter how susceptible the variety may be to smut, it can be controlled almost entirely by simple methods. Formaldehyde and Copper-carbonate have been used extensively in the past for treating smut in grains, with only fair to good results.

### The Best Treatment To Use Is New Improved Ceresan

New improved Ceresan is a dust treatment—no wet, swollen grain to handle. It may be applied with a regular seed

**Price of Ceresan: 1-lb. tin 75c, 5-lb. tin \$3.00. Ask for circular giving full details about Ceresan.**

# QUALITY SEED GRAIN

## NEW DEVELOPMENTS IN GRAIN BREEDING



Rust resistance, high yielding ability, good milling qualities make Thatcher Wheat outstanding.

### THATCHER WHEAT

**Rust Resistant, Certified.**

**A New Triumph of the Minn. Exp. Station.**

The newest wheat variety, more rust resistant than others now grown, with the exception of Hope. A beardless variety, very similar in appearance to Marquis. Early maturing and therefore, may be grown quite far north without danger of being damaged by early frost. Very stiff strawed and stands up well on rich soil. It yields more than other spring wheat varieties, producing 4 to 5 bushels more per acre.

Tests made over a 5-year period by the Minnesota Experiment Station show Thatcher equal to Marquis in milling and baking qualities.

Thatcher proved its superiority over rust-susceptible varieties of wheat during 1935 when the worst epidemic of Black Stem Rust, ever known in the history of the country, devastated the wheat fields and left only shriveled grain, either unfit to cut or suited only for chicken feed, in all except Rust-Resistant Varieties. Few growers thought of rust before 1935, for no severe epidemic had broken out for years. No one can tell when another such rust epidemic will occur, so why take a chance and grow wheat that may be destroyed by rust at any time?

The most promising wheat crop that the Northwest ever knew was wiped out by rust in the summer of 1935. Farmers whose very existence depended upon the crops produced in 1935 were completely ruined; but if they had grown rust-resistant Thatcher Wheat they would have shown a profit instead.

The supply of Thatcher as well as Hope Wheat is very limited. There is enough seed to supply only a small portion of the demand. Take no chances of losing your entire crop again through rust; but instead place your order at once.

In 1935 Thatcher Wheat yielded 25 to 35 bu. or more per acre, while varieties hit by the rust were unfit to cut or at best yielded a few bushels of very shriveled grain.

## GROW ONLY THE BEST FOR PROFIT



We have always endeavored to supply you with outstanding varieties of seed grains and it is a pleasure to know our customers, old and new, are finding complete satisfaction with the seeds that we offer. Complete descriptions will be found on the following pages.

All the seeds that we offer have been specially bred and selected to meet adverse conditions as well as to take advantage of good growing conditions. A down payment will hold seed until wanted, balance to be sent when shipping instructions are given.

### MINTURKI WINTER WHEAT

Minturki is the outstanding hardy winter wheat. It is a high yielding bearded hard red winter variety of high milling and baking quality and good protein content. It is stiff strawed and stands up well on rich land.

**For Prices: See Blue Figure Price List.**

### MINDUM DURUM WHEAT

Mindum is a bearded Amber Durum variety developed by the Minnesota Experiment Station. It is the most widely grown Amber Durum Wheat and it yields more than other varieties, is somewhat resistant to rust and is stiff strawed. Yields of Durum ranging from 30 to 45 bushels per acre are not uncommon. This variety always brings a good price on the market.

**For Prices: See Blue Figure Price List.**

### SPRING RYE

Spring Rye should be sown more extensively. It is a great land cleaner, and for summer pasture, is much superior to winter rye. It can be grown on light and sandy soil, on land too poor for wheat, and does equally well on acid and non-acid soils.

**For Prices: See Blue Figure Price List.**

### ROSEN WINTER RYE

Rosen is the leading winter variety and was developed at the Michigan Experiment Station by selection from a sample of rye obtained from Russia. It became popular because of its excellent yielding ability and milling qualities which are the finest. It produces large well-filled heads and large dark green kernels.

Rosen Rye is more hardy than the hardest Winter Wheat. The straw is medium tall and stiff, which keeps the grain from being easily lodged. The variety has produced as much as 40 to 50 bushels per acre. Winter Rye may be seeded in the spring if temporary pasture is needed.

**For Prices: See Blue Figure Price List.**

## SEED DISINFECTION TO PREVENT SMUT

treating machine or with a scoop shovel. A measuring spoon will be found in each can.

The grain produced has a higher market value because it is free from smut. Only one-half ounce of New Improved Ceresan is needed per bu. of seed. It is quickly and easily applied as a dust by use of a rotary seed treating machine or by the shovel method. After treating, the seed should be stored in a pile or in sacks for 24 hours before planting.

New Improved Ceresan controls stinking smut of wheat, loose and covered smut of oats, black loose smut and stripe in barley. Ceresan is inexpensive, costing only about 2c per bu. of seed. This is the lowest cost of any seed treatment on the market. By using New Improved Ceresan you may increase the yield of grain by 10% to 20% or more.



# NORTHERN GROWN SEED BARLEY



Our Smooth Awn Barleys Are High Yielding, Stiff-strawed, Easy to Handle and Most Profitable.

## QUALITY SEED BARLEY PAYS

The Agricultural Extension Division of the University, under the supervision of Mr. Ralph Crim, conducted a series of meetings throughout southern Minnesota to discuss barley problems. It was pointed out at these meetings that many growers had been allowing the better prices paid for malting barley to be taken away from them because so much of the home-grown barley was unfit for malting.

By use of the proper varieties of barley, coupled with good growing conditions and cultural practices, it was clearly shown that barley suitable for the maltster, which brings a higher price, can be easily grown.

Malting barley should be mellow and not hard or flinty—to bring this about, the grain should be allowed to ripen thoroughly. Malting barley should be plump and heavy and must be free of diseases and of mixtures such as wheat or oats.

A uniform size kernel is necessary, and in order to obtain these qualities, the grower should know that his seed is dependable.

At these meetings it was pointed out that pure seed of malting barleys was relatively scarce and insufficient for the acreage to be seeded. Those buying seed should be careful, inasmuch as much seed is badly mixed with other varieties of barley and with oats in particular. It pays to buy certified recommended varieties—outstanding of which are Wisconsin Pedigree No. 38, Velvet and Peatland Barley.

It is emphasized that this is no time to increase barley acreage, but rather to improve the quality of the barley grown for market.

Remember you can depend upon 'Master Farmer' quality seed for giving the greatest satisfaction and results.

A down payment of 25% will hold seed until wanted; balance may be paid at the time shipping instructions are sent.

### VELVET BARLEY

Minnesota No. 447—Certified

The demand for Velvet Barley has been steadily increasing each year since its introduction. If you have not tried this outstanding variety, we suggest that you get started with it this year, for it is one of the best smooth-bearded varieties now being grown.

Velvet originated from a cross between Luth, a rough-awned, six-rowed barley of the Manchurian type and a smooth-awned variety. It is a most excellent yielder, producing as much grain as Manchuria. The straw is quite stiff, the lodging percentage being no greater than that of other stiff-strawed varieties. Velvet appears to be more disease resistant than other varieties. With its smooth beards or awns, Velvet has a very distinct advantage over the rough-awned types since it has no barb that will stick in the clothing or get into the flesh. Therefore, it can be handled much more easily.

Velvet is in great demand by the manufacturers of malt and there is every indication that the limited supply of this variety will be quickly exhausted before planting time.

We have many excellent reports from all over the northern part of the United States about Velvet Barley. Each year many carloads of this variety are shipped into Iowa, Illinois, Indiana, Ohio, Pennsylvania and other states, and we have had many inquiries for carlot shipments into these sections during the present season.

Once you try Velvet or other smooth-bearded varieties, you will not want to change back to the rough types. We offer Velvet Barley Seed, certified by the Minnesota Crop Improvement Association which gives you assurance of obtaining the true variety of the very highest purity. See Blue Figure Price List.

### WISCONSIN PEDIGREE NO. 38 BARLEY—Certified

This variety was developed by the Wisconsin Experiment Station by crossing a black smooth-bearded barley with Oderbrucker which is a standard whitekerneled variety. They succeeded in obtaining a number of strains from this cross that were smooth-bearded with white heads and from these strains careful selections were made for size of heads and kernels, resistance to disease, stiffness of straw and yielding ability.

Wisconsin Pedigree No. 38 Barless Barley has the following outstanding characteristics:

**First—Smooth-bearded.** This feature makes the barley very easy to handle and because of this, it has stimulated production of barley to a great extent.

**Second—Resistance to hot weather.** This barley appears able to withstand a greater degree of heat than many other varieties of barley which are now being grown. It matures a few days later than Glabron and Velvet; but with its resistance to hot weather and long, stiff straw, it is able to stand up and develop larger kernels than some of the earlier varieties.

**Third—Yields heavily.** Wisconsin No. 38 Barless Barley has shown its ability to outyield other varieties and has produced as high as 70 bushels or more per acre. In Wisconsin tests, this variety has always outyielded any of the common barley grown in comparison with it.

**Fourth—Finest for malting.** Wisconsin No. 38 Barless Barley is greatly desired by the manufacturers of malt and will command a premium over many other varieties on the market. See Blue Figure Price List.

### GLABRON BARLEY Minnesota No. 445

Glabron is the result of a cross between Smooth Awn and Manchuria. It is smooth-bearded, making it very easy to handle, and the beards thresh clean. With a straw much stiffer than that of most other varieties, it will withstand lodging. It grows slightly taller than Velvet, produces a larger kernel, and yield data show that it will outyield consistently most other varieties. It can be grown in the north from the Dakotas and Nebraska east, also in the Great Plains area where the rainfall is sufficient.

### PEATLAND BARLEY

Peatland is a rough-awned barley which is well adapted to peat soils and in recent years has yielded well on some mineral soils also. It is particularly well adapted to the northern parts of the state and especially in the regions around Grand Rapids. In the southern part of the state it has given very outstanding results on land that is too rich to grow other barley varieties.

Peatland is classified as a satisfactory malting barley variety. It is resistant to spot blotch and stem rust diseases but is susceptible to stripe disease. (Barley stripe disease may be controlled by treating with Ceresan. See page 63.)

In the summer of 1935 the southern part of Minnesota witnessed one of the worst scab epidemics it ever experienced. Peatland showed its value and brought good yields of high quality barley as it is highly resistant to scab. Therefore, in those regions where scab is a serious problem, Peatland Barley may be grown and a good quality malting barley produced. Barley which contains a considerable amount of scab cannot be classed as malting. For this reason much of the scabby barley produced in 1935 has to be used as feed.

### BUCKWHEAT

An excellent catch crop, which may be sown after harvesting winter wheat or rye or on newly broken ground. Its greatest value lies in the fact that it is the best and surest means of getting rid of quack grass.

**JAPANESE**—Largekerneled, dark brown and early. It is very productive, and an excellent feed for cattle and hogs. Sow from June 1 to July 1, 3 pecks to the acre.

**SILVER HULL**—A thin shelled buckwheat, with silvery grey kernels of medium size, very sound. Silver Hull is a prolific grower and heavy yielder, and makes fine buckwheat flour. Excellent for bees.

### SPELTZ OR EMMER

A valuable grain belonging to the wheat family. Kernels are tightly enclosed in hulls which adhere at threshing. Speltz has a feeding value equal to oats, and only slightly less than barley and corn. It is extremely rust resistant, and will not lodge like other grains, because of its stiff heavy straw. Speltz can be grown on many kinds of soil, rich or poor, throughout Minnesota, Iowa, Wisconsin, and the Dakotas.

Speltz makes wonderful feed and is especially fine for hogs and poultry. Sow 1½-2 bushels per acre, adjusting the drill the same as for oats.

F. S. & N. Co.

Sept. 3, 1935

The Wisconsin 38 Barley which I bought from you in spring of 1934, turned out well. It yielded very well even, though planted the 10th of May.

I sold 725 bushels at threshing time and topped the market for No. 1 malting Barley. I still have 750 bushels left which I am holding for seed.

Sarah E. Wilson,  
Madelia, Minn.,  
Rt. 3 Box. 94.





# THE FINEST IN SEED OATS



A most promising crop of oats was severely damaged by excessively high temperatures, rust and other diseases, during the season of 1935. Those varieties that have been specially bred for resistance to rust survived and produced a good crop of heavy oats while many other varieties produced grain of very poor feeding quality and low market value.

If you have been growing unknown varieties of doubtful yielding ability, or if your seed stocks have become mixed with other varieties of oats or other grains, now is the time to get pure stock as prices are very reasonable.

A down payment will hold your order until wanted, and the balance may be sent when you give us shipping instructions.

## Early Varieties IOWA NO. 105 OATS

This variety was produced at the Iowa Agricultural College, at Ames, Iowa. It is very early, fine to use as a nurse crop, and is a heavy yielder.

The kernels are of medium size, light yellow, plump and heavy. The oats grow about 4 inches taller than Kherson, with stiff straw that holds up its heavy load of plump grain well. It will grow without lodging, on heavy bottom land where it is impossible to grow many other varieties.

## GOPHER OATS Minnesota No. 674—Certified

Gopher is a white, early maturing variety with straw so stiff and strong that it does not lodge even on well-manured farm land. It is also adapted for growing on peat land. It is without any question the best oats for the rich dairy farms of southern Minnesota, Iowa and Wisconsin and unequalled for sowing with clover and alfalfa as a nurse crop.

This variety was developed by the Minnesota Experiment Station and has become widespread throughout the Northwest. Excellent reports, not only from Minnesota but from North and South Dakota, Wisconsin and Iowa, show that Gopher is still leading in yield, earliness and stiffness of straw. Our growers report 75 to 100 bushels per acre of plump, bright grain.

The oat crop in many sections was very light, having been damaged by adverse weather conditions and the demand for seed will be quite great. Our stocks of high quality certified seed oats are reasonably large, especially the Gopher variety but with the strong demand may not last long.

## IOGOLD RUST RESISTANT OATS Certified

The necessary requirements for any variety of grain are yield, stiffness of straw (resistance to lodging), rust resistance and early maturity. Iogold Oats includes all of these which makes it such an outstanding variety.

The development of Iogold Oats by the Iowa Agricultural Experiment Station has taken many years. A single plant which differed from the others was selected in 1906 at Iowa City, Iowa, from a plot of Kherson Oats. Until 1925 it was grown in small plots under close supervision so that the characters might be carefully studied, when it was increased under field conditions and compared with other varieties. It proved superior to all other varieties so that in 1925 and 1926 it was increased and distributed to farmers for growing in comparison with the varieties they were already using. The yields reported in recent years are from 80 bushels to 100 bushels or more per acre. We have only a fair supply of high quality seed.

Iogold produces heads that are spreading, erect, cream colored and very uniform. The kernels are golden yellow and larger than Iowa No. 105. The straw is coarser than Kherson and is stiffer than any other variety produced by the Iowa Experiment Station. The plants grow about three inches taller than Iowa No. 105 and ripen about the same time and are a few days earlier than Iowa.

For Prices: See Blue Figure Price List.

April 11, 1935.  
I feel like I can depend on whatever the Faribault Seed House tells me as my father always bought seed of you. I'm sure pleased with all my order; the seeds look so plump and clean.  
Mrs. Henry W. Schmidt,  
Wells, Minn.,  
Rt. 1, Box 90.



Note the Fine Stand and Stiff Straw in This Minrus Oat Field.

## EARLY KHERSON OATS

One of the earliest oats in cultivation. It was introduced by the Experiment Station of Nebraska, and has proved a success in that state, being naturally adapted to sections that are subject to drought. It is a vigorous but not rank grower, producing shorter straw than other varieties, with branching heads and very broad leaves. The kernels are light yellow in color, small, but numerous, and have a very thin hull.

### BABY CHICKS

Master Quality Chicks will increase your income. Due to their breeding they will make greater gains than ordinary chicks. They are priced very low and you need not send one cent. They will be sent C. O. D. postage paid. See insert in back of catalog.



Iogold—Early, Rust Resistant, High Yielding.

## Midseason and Late Varieties ANTHONY OATS—Certified

Anthony Rust Resistant Oats (Minnesota No. 686) is a new variety produced from a cross of White Russian (White Tartar) and Victory, it is a midseason type maturing about two weeks later than Gopher or Iogold and has a spreading panicle. The straw is about equal in length to Victory and is very strong. Anthony is well adapted to all types of soils but does especially well on those soils that are only moderately fertile.

It is very highly resistant to black stem rust and during the season of 1935 our own fields produced close to 100 bushels per acre while other midseason varieties, not resistant to rust, had broken over and had very poor yields. Anthony excels in weight per bushel and yield.

Wherever it has been grown it met with instant favor and we especially recommend it for those sections where the early varieties do not seem to give the very best results.

## MINRUS OATS—Certified

Minrus matures about half way between Gopher and Anthony; produces white glumes and has a spreading panicle. It is about equal in height and stiffness of straw to Anthony and is highly resistant to black stem rust. It was produced by the Minnesota Experiment Station from a cross of Minota and White Russian. The seed was generally distributed during the past two years and the supply was quickly exhausted. As it is so popular, we do not expect our stocks of Minrus to last very long this season.

Observations to date indicate that Minrus will outyield Gopher Oats on any ground except the very richest. Gopher Oats should be used on the rich soils as it is more able to resist lodging under those conditions. Minrus should be very popular on lighter soils where Gopher Oats does not get tall enough to handle well.

Minrus may be grown with varieties of spring wheat as succotash as it is a few days later than Gopher. Minrus has already met with great favor wherever tried.

## SWEDISH SELECT OATS

Improved Strain Wis. No. 5

This is a very popular late variety, the kernels are large, plump and white in color. It is a very excellent yielder and is especially well adapted to lighter soils.



# HYBRID CORN VARIETIES

HOW HYBRIDS ARE MADE

The demand for hybrid corn for 1936 far exceeds the supply. Seed production was cut short by low temperatures that prevailed early in October, with the result that perhaps only 50% of the seed produced will be of high enough germination.

May we kindly suggest that you place your orders at once and indicate a second or even a third choice.

All hybrid seed corn that we offer is certified and state sealed. Ask us if in doubt about the kind to grow.

## MINHYBRID NO. 301—ExB 164

This hybrid corn, developed by the Minnesota Experiment Station, is the result of a cross with Minn. No. 13 and Iowa inbreds. It matures about the same time as Golden Jewel, Silver King and Minnesota Ideal, also the Wis. 105-day hybrids. It is adapted to southern Minnesota and Wis., northern Iowa and near-by territories.

It has unusual ability to withstand windstorms as it has a very stiff stalk with a strong root system. It grows medium tall, producing large well-filled ears. After the corn has ripened, the fodder remains green which gives it a higher feeding value.

Minhybrid No. 301 has proven its superiority to open pollinated corn as it has averaged over 12 bu. more per acre than the open pollinated kinds, in tests covering a period of years. Under good growing conditions yields of 90 to 110 bu. per acre are not uncommon.

## MINHYBRID NO. 401—ExK

Developed by the Minnesota Experiment Station from inbred lines of Minn. No. 13 Yellow and Rustler White Dent. Medium in height, leafy, producing a good sized ear, mixed yellow and white color. Yields have been consistently high, averaging about 20% more than open pollinated kinds. Matures 7 to 14 days in advance of other main crop varieties. Excellent for feeding early ripe corn and for hogging-off purposes. Plant three to four kernels per hill; under favorable conditions of soil and moisture, four to five kernels may be planted. Recommended for central parts of Minnesota, Wisconsin and South Dakota, and also does remarkably well in the southern sections of these states.

## MINHYBRID NO. 402—ExI

A selection from the same parents as Minhybrid No. 401, plants being slightly smaller and two or three days earlier in maturity. The yield is about the same as Minhybrid No. 401, being 15 to 20% higher than open pollinated kinds. Adapted to central Minn., Wis. and So. Dak., and may be grown as far north as St. Cloud and Moorhead or south to the Iowa line.

*Butt or round kernels and tip kernels from hybrids produce vigorous stalks, grow rapidly and yield as much corn as the graded kernels. Special plates are obtainable for most corn planters which will plant any size kernels evenly.*

## WISCONSIN HYBRIDS

A number of outstanding hybrids have been developed and released by the Wisconsin Experiment Station. These hybrids have been carefully tested and have been found to be much superior to the open pollinated kinds and equal to other hybrids.

We are offering the Wisconsin Hybrids according to time of maturity and not by number. We list the following groups: 95, 100, 105, 110, and 115-day hybrids.

Wisconsin 95 and 100 Day Hybrids are adapted to central Wisconsin, central Minnesota and northern South Dakota. They will mature 95 to 100 days after planting, under any normal conditions, which means that they would be ripe early in September.

Wisconsin 105 Day Hybrids may be grown in south central Wisconsin, southern Minnesota and in the southern part of South Dakota. They are of about the same maturity as Minhybrid No. 301 which is the outstanding Minnesota hybrid for southern Minnesota and nearby territories.

Wisconsin 110 Day Hybrids—these may be grown in southern Minnesota and Wisconsin, northern Iowa and Illinois.

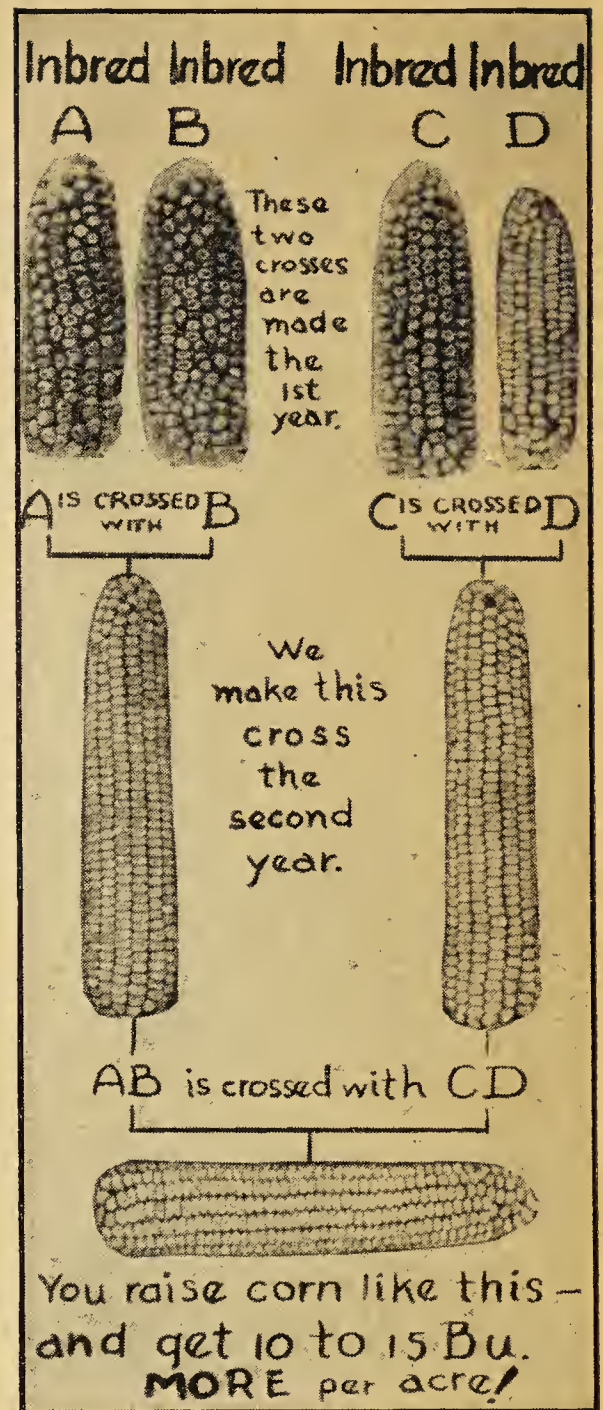
Wisconsin 115 Day Hybrids—these are adapted to the extreme southern portions of Wisconsin, northern Illinois and northern and central Iowa, also northern Nebraska.

All of the hybrid seed stocks that we offer are state certified and sealed and can be depended upon to give very fine results. Like other good hybrids, the Wisconsin Hybrids produce strong upright stalks, uniformly matured ears and corn of high feeding value.

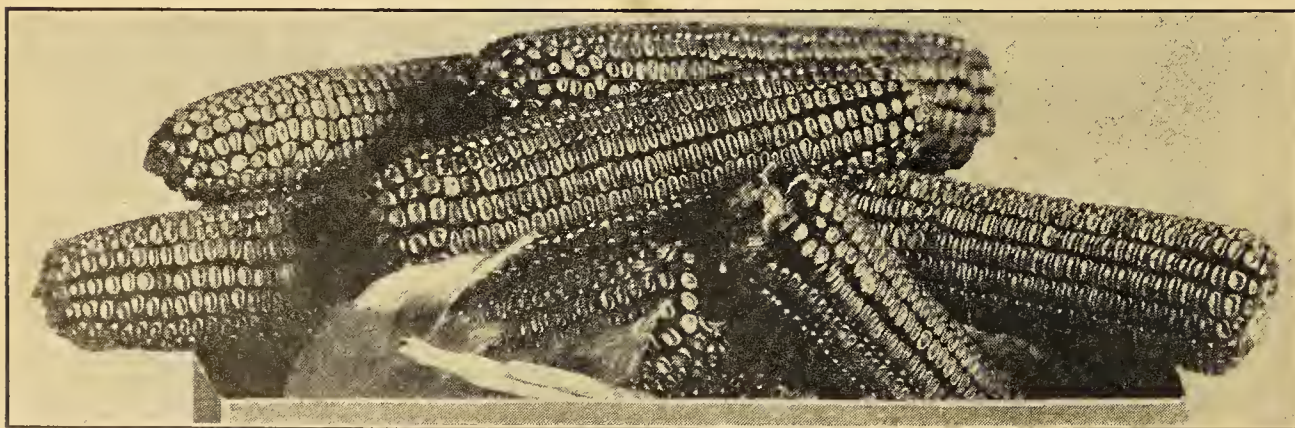
### WHY TREAT SEED CORN?

Because corn treated with mercury dust (Barbak III or Semesan Jr.) produces a better stand, more vigorous growth, increased yields, and it assures protection against root, stalk and ear rots.

We will furnish treated seed corn or will give free a 4-oz. can of Barbak III with every 2 bushels of seed corn bought at regular Blue Figure List prices. Barbak III and Semesan Jr. are described on page 72.



## STANDARD OR OPEN POLLINATED VARIETIES



Minnesota No. 13.

### LARGE TYPE OR SOUTHERN STRAIN NO. 13

This strain is particularly adapted to the southern parts of Minnesota, Wisconsin, and South Dakota, northern Iowa, Illinois and Nebraska. The ears are smooth, deep yellow in color, 7 to 9 inches in length, with 14 to 16 rows of medium deep kernels. Stalks grow 6 to 7½ feet tall and ears are just the right height for husking, being 3½ to 4 feet from the ground. It matures in about 90 days and produces average yields of 75 bushels per acre on good corn land. We have the finest of stocks and prices are very reasonable this season. Now is the time to get started with new seed.

### CENTRAL STRAIN NO. 13

This was the original strain developed by the Experiment Station and is similar to the other strains of Minnesota No. 13 except that it is about a week earlier, maturing in 80 to 85 days. The ears are a trifle smaller but it will yield almost as well as the southern strain and is pretty sure to produce ripe corn practically every year. It is better to have ripe corn every year than to have a larger type that will ripen only two or three years out of five. This corn is grown from seed produced in Meeker County, Minnesota, and is adapted to central Minnesota and Wisconsin and northern South Dakota.

### EXTRA EARLY STRAIN NO. 13

(Northern or Haney's Strain)

This strain is adapted for northern Minnesota, Wisconsin and North Dakota and is the earliest yellow dent corn now being grown. It has the same general characteristics of the other Minnesota No. 13 strains although the ears are necessarily smaller and the stalks grow about 5 to 6 feet tall. It matures very readily under normal conditions, producing as much as 45 to 50 bushels of ripe corn.

### CERTIFIED STRAINS OF MINNESOTA NO. 13

Minnesota No. 13 was developed by the Minnesota Experiment Station. The original strain was adapted to central and southern Minnesota conditions but would not produce mature corn in the northern part of the state. To meet this requirement for earliness and also a demand in the southern section for a larger type, two new strains were developed known as the Extra Early and Southern or Large Type Minnesota No. 13. We offer all three strains.





GROW  
ONLY  
ADAPTED  
CORN  
VARIETIES



Golden Jewel—the most popular open pollinated high yielding Yellow Dent Corn grown in Minnesota.



OUR  
SEED  
CORN  
IS  
DEPEND-  
ABLE

## WARNING—MOST SERIOUS SEED CORN SITUATION IN 20 YEARS

The fine growing weather in September, 1935, brought a feeling of security to all corn growers who figured that the crop was made. Early in October very severe freezes occurred throughout the whole north central and northwest areas. Corn, which would have ripened completely with a few days more of good weather, was frozen because of too high moisture content, and the germs damaged. Practically no 1935 corn left standing in the field was suitable for seed. Many growers still do not realize that their corn has been very severely damaged and we urge that you immediately test your corn if you have saved any for seed; or if you have tested it and found it unsatisfactory, do not delay placing an order for adapted varieties.

We sincerely believe that the seed corn situation as it now exists is the worst that we have known in over 20 years. There will not be enough corn testing 90% or better to go around. It will be necessary to fall back on 80% germinating corn which if planted at the rate of 4 kernels per hill will assure you of practically as good a stand as if you planted 3 kernels per hill of 90% germinating corn. All seed corn should be treated with Barbak III or Semesan Jr. Circular sent on request.

Be sure to purchase your seed from dependable growers. The tests that are indicated on our germination tags will be found to be accurate and they can be relied upon. A 25% payment will hold seed until wanted.

### GOLDEN JEWEL CERTIFIED

Since our introduction of Golden Jewel Corn, there has been no variety of acclimated yellow dent corn in southern Minnesota and adjacent territories that produced such large yields of 70 to 100 bus. or more per acre. Golden Jewel is the result of careful breeding and selection carried on by us on our own farms.

In trials during the past few years made by the Minnesota Experiment Station, there was no variety of yellow dent corn that superseded it in quality and yield.

The ears are of a golden yellow color, very compact, 8 to 10 inches in length, 16 to 20 rows of medium deep, square shouldered kernels on a small red cob, and run from a moderately smooth to a slight rough ear.

Golden Jewel produces an abundance of fodder for silage, as the stalks will grow 7 to 8 feet or more tall and the leaves are broad and succulent. It is what is known as the 95 to 100-day corn. It is especially adapted to southern Minnesota, South Dakota, Iowa, southern Wisconsin, Illinois and other Corn Belt states.

### GOLDEN KING CERTIFIED

A New High Yielding, Early Maturing Variety of Great Merit.

Golden King Corn was developed by MacArthur in northern Iowa, near the Minnesota line. It was entered in the Iowa corn yield tests from 1923 up to the present date. It won high average over an eight-year period, the yield being 4 bus. more per acre with 4.3% less moisture than any other variety. The ears are 14 to 16 rowed and 8 to 9 inches in length.

Golden King Corn has been grown in southern Minnesota for a number of years. It made such a good performance that it attracted the attention of the experiment station authorities who have tested it for many seasons and found that it ripens about as early as the Hybrid varieties and yields among the highest with low moisture content. The market or feeding values are really determined by maturity, dryness and the weight per bushel. In these, Golden King excels all other standard varieties.

We do not hesitate to recommend this variety for central and southern Minnesota, South Dakota, Wisconsin and all other states in the Corn Belt.

Golden King shows a much smaller percentage of barren stalks than any of the other standard varieties. It is next to the Hybrid varieties in this respect.

### RUSTLER WHITE DENT CERTIFIED

This early variety, originated in North Dakota, is well acclimated to the Northwest. For early ripening, big yields and compact growth of ears, it is one of the best. The average height of the stalk is 8 feet. The ears are large, closely filled with large, deep kernels. Matures in 95 days. We know of no better all around dependable white dent corn than Rustler and recommend it for all sections of southern and central Minnesota, Iowa, Wisconsin and South Dakota.



Golden King.

### EARLY MURDOCK GOLDEN DENT CERTIFIED

Murdock is a yellow dent variety in appearance quite similar to Golden Jewel except that it has fewer rows. The kernels are medium deep and have a wrinkled to pinched dent. Our strain is about 5 days earlier than the Golden Jewel and it produces high yields of very fine quality. Like the Golden Jewel, it has won many prizes and is very popular. The ears are 8½ to 9½ inches long, of a golden color, fairly compact and uniform. Murdock is grown successfully as far north as central Minnesota and Wisconsin and is an excellent early variety for Illinois, Iowa and other states of the Corn Belt. It matures in about 92 to 97 days. Yield tests show Murdock to be outstanding as it produces from 65 to 90 bus. per acre with an average of about 80 bus.

### MINNESOTA IDEAL CERTIFIED

This splendid large eared yellow dent corn, which we originated, is very productive. It is a standard corn variety for southern Minnesota and other states of the Corn Belt. Minnesota Ideal matures a few days later than Minnesota No. 13. Under ordinary conditions its average yield is 80 to 85 bus. per acre and under favorable conditions and good culture, the yield has been 100 bus. per acre. Minnesota Ideal has a strong, vigorous root system and comparatively stiff stalks which enable it to stand up well. It is also an outstanding silage and fodder corn.

### NORTHWESTERN DENT CERTIFIED

Northwestern Dent Corn is a cross between a red flint and a yellow dent, and has red kernels with light yellowish and cream shadings. No other variety is grown as extensively in North Dakota, northern Minnesota and Wisconsin as Northwestern Dent. Under ordinary conditions, it matures in 85 to 90 days, and under very favorable conditions, in 75 days.

Northwestern Dent yields from 50 to 70 bushels per acre. The ears are of good size, 7 to 9 inches long, bearing 10 to 14 rows of kernels. The stalks average 6 to 7 feet in height, bearing the ears about 3½ feet from the ground.

Because of its earliness and large yields, it is the corn for hogging down.

### SILVER KING OR WIS. NO. 7

Silver King is the best main crop white dent variety for the southern part of Minnesota, Wisconsin, South Dakota, also is suited for northern Iowa and Illinois. It is grown very extensively and constant improvements in the variety have brought us to the point where it will outyield all other white dent varieties and many of the yellow dents. The ears are creamy white in color, with slightly rough kernels, well formed, 8 to 10 inches long, 16 to 18 rows completely filled to the tip.

Silver King is a strong, leafy grower with heavy foliage which makes it very excellent for the silo. It matures in about 100 days. It is a fine show type corn and has won many prizes.



# FLINT AND FODDER CORN



Ideal Silo Corn Outsell All Other Varieties Combined.

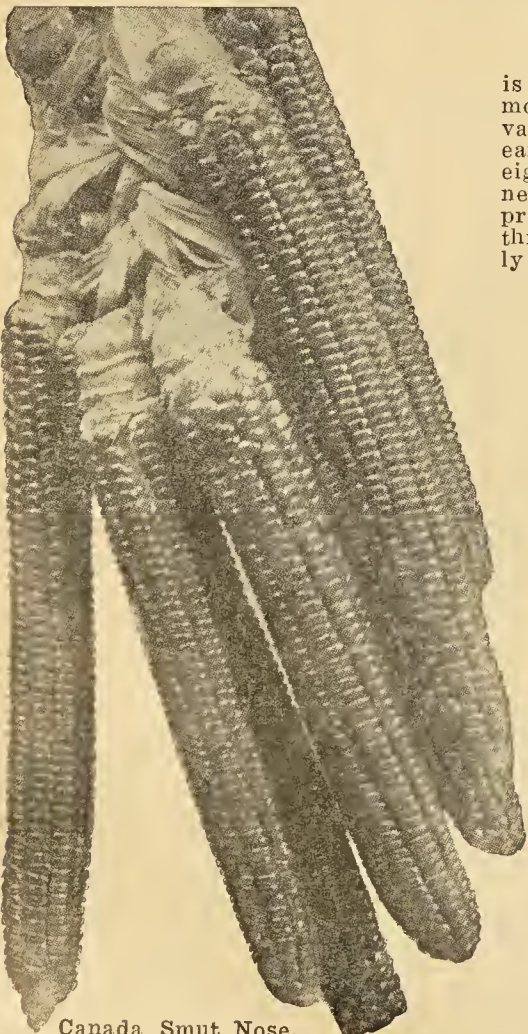
## F. S. & N. CO.'S IDEAL SILO CORN

Known throughout the Northwest as the greatest yielder of corn for fodder purposes. For feeding green, as ensilage, and for curing in shocks to be fed in the bundle, it is the most productive corn obtainable.

Ideal Silo Corn is of exceptionally strong, vigorous growth, with stalks growing 8 to 10 feet high, and broad, thick leaves that make succulent fodder. It is not coarse, like southern fodder corn. The ears grow from 8 to 12 inches long, with medium deep yellow kernels.

Because of its deep vigorous root system, it adapts itself readily to unfavorable soil and climatic conditions, withstanding drought and wind, and cold, wet weather equally well. It matures in 95 to 100 days, only a few days later than Minnesota No. 13.

As a silo filler, Ideal Silo Corn is unsurpassed. Many of our customers, who now depend upon Ideal Silo Corn for all their fodder, have filled silos, 12x30, with corn from 4 acres and 12x35, with corn from 5 acres, when ordinary corn from 10 to 12 acres for the same size silo was formerly required. See Blue Figure Price List for quotations.



Canada Smut Nose.

## KING PHILIP FLINT

This extra early red flint corn is eight-rowed and one of the most reliable and productive varieties for the Northwest. The ears grow 12 inches long with eight straight rows of broad kernels of shiny red color. Stalks produce two and sometimes three good large ears. Not nearly as hard as ordinary Flint Corn. The stalks grow about 7 feet in height and are very leafy, therefore more valuable for fodder than Dent Corn. Matures in 80 days.

## LONGFELLOW FLINT

A yellow flint corn of rich and glossy appearance. The ears are 12 to 16 inches long, filled with large, broad kernels. It is not unusual to find three full-sized ears growing on one stalk and fields that yield 50 bushels per acre. It is a heavy producer of fodder as well as of ears. The average height is 7½ feet, while ears are about 3 feet from the ground. Matures in 85 days.



Up-to-date Farmers, Like Fred Hubbard, Plant Ideal Silo Corn. Read Below

MAKE  
SURE OF  
THE  
"MASTER  
FARMER"  
TAG ON  
EVERY  
BAG



Feb. 13, 1935  
*We had very good success with your Ideal Silo Corn last year and filled two of our big silos. Our neighbors' silos stood empty for lack of something to harvest.*

Fred C. Hubbard, Colman, S. Dak.

*As I was well pleased with your Silo Corn that I got from you last year, I am ordering 2 bu. more this year. I filled a silo that held 67 tons and it was filled with 33 rows, 80 rods long. (67 tons from 3½ acres.)*

Henry Tatge, Wells, Minn.

*I had wonderful corn last year with your Ideal Corn. Planted it on peat soil June 8. Had 10 stalks at the Becker County Fair and received 1st prize for tallest corn—12 ft. 4 in. tall, so you can take my word. I had a lot of feed on my small farm for 26 head of cattle of which 16 are milk cows.*

Wm. H. Lage, Detroit Lakes, Minn.

R1 Box 222.

## CANADA SMUT NOSE FLINT

This corn matures in 80 to 85 days and averages 50 bushels per acre of well matured corn. The stalks, which average 7 feet in height, often bear two or three ears, 10 to 15 inches long, very compact, and rich golden yellow, blazed with red towards the tip. The ears are set about three feet from the ground.

Canada Smut Nose is well liked for hogging-off purposes as hogs make very rapid gains. In the northern sections it is also grown extensively for silage and fodder.

## YELLOW DENT FODDER CORN

A standard early variety that has given our customers very good satisfaction for many years. It is a heavy yielder of fodder and may be used for feeding green from the field, as well as for silo filling and for curing in shocks, to be fed later in the bundle.

Early type—Stalks large, ears medium, matures in 85 to 90 days.

Late type—Stalks and ears large, matures in 95 to 100 days.

## WHITE DENT FODDER CORN

Similar to the yellow dent fodder varieties, and is especially productive of leafy growth and large ears. We offer both early and late types.

## SWEET FODDER CORN

**Evergreen Sweet Fodder**—This variety will grow 9 to 10 feet high and produce a great amount of fodder. It will increase the production of milk wonderfully, when fed to dairy cows. Stalks are sweet, tender, juicy, and nutritious, with large broad leaves produced in great abundance. Ears are large and white. Weight, 48 lbs. per bu. Plant 15 to 20 lbs. per acre.

**Golden Evergreen Sweet Fodder Corn**—Very similar to the Evergreen Sweet Fodder Corn, producing very leafy tender, sweet plants and large ears of golden yellow color, very high in sugar content. Tonnage per acre about the same as for White Seeded Evergreen.

Price: All varieties of corn—Lb. 20c, 5 lbs. 70c, postpaid. Not prepaid, 1b. 15c, 5 lbs. 50c. For larger quantities, see Blue Figure List.

**WARNING**—Be sure to test all corn saved for seed. Reports show that very little 1935 corn has a high germination and that we may have the most severe seed corn shortage ever known. All seed corn should be treated with Barbak III or Semesan Jr. See page 72. We offer treated seed on page 66.



## Flax Is a Profitable Crop to Plant

Flax production in the United States is still far below domestic use. This means that much flax is still being imported. The U. S. Department of Agriculture and experiment stations state there is little danger of overproduction at the present, so a larger number of acres can be taken out of grain production and profitably seeded to flax.

Flax has been the best paying crop for a number of years and the improved varieties now offered will produce even greater returns per acre. There is not a sufficient amount of suitable flax seed available to take care of the greatly increased acreage that is expected. The varieties recommended in our catalog contain a larger amount of linseed oil which is desired by the processors.

Your flax order should be placed without delay and a down payment of 25% will hold the seed until wanted and the balance can be sent at the time you give us shipping instructions.

## HARDY FLAX VARIETIES

In the past, Flax was considered more as a catch crop, to be planted when conditions for other crops were unsatisfactory, or after all other crops were sown. This is a very poor procedure, for Flax does best in moderately warm weather and if planted too late is usually greatly affected by heat and drought.

To obtain large crops, sow early right after grains are planted, up to about the middle of May. The earlier that Flax is sown, the better able the plant will be to withstand wilt and other diseases.

We recommend wilt and rust resistant varieties.

Sow Flax at the rate of 28 to 42 lbs. per acre, depending upon the size of the seed and the condition of the land. The smaller seeded varieties such as Buda and Red Wing are seeded at the rate of 28 to 35 lbs. per acre, or slightly more if the land is somewhat weedy. Bison and Winona, about 35 to 42 lbs. per acre.

Flax is an important crop, for not only is the seed utilized for oil, etc., but the straw is made into rugs, sewing materials and other items.

**BISON**—This variety comes from the North Dakota Experiment Station. It is a large seeded type both rust and wilt resistant and is exceptionally popular in the Dakotas, Minnesota and other points of the Northwest. It has already replaced many other varieties now being grown. From the yield standpoint it will produce about as much as Buda. Yields have been reported as high as 30 bushels per acre, but an average yield can be expected of about 20 bushels or more per acre. See Blue Figure Price List.

**RED WING FLAX**—Rust and wilt resistant. Like Buda and Bison Flax varieties, Red Wing is outstanding for its resistance to rust and wilt. It was developed by the Minnesota Experiment Station and has proven a good yielder throughout the Northwest. The blossoms of Red Wing Flax are a lighter blue than the other varieties and the seed is somewhat lighter in color. Red Wing Flax is quite popular this season and we anticipate a good demand. See Blue Figure Price List.

**COMMON FLAX**—Under this heading are included pure flax seed varieties which have lost their identity. However, there is no question that some of this seed is of recommended varieties for in the past few years much of the flax planted has been either resistant to wilt or to both wilt and rust. We would recommend planting Common Flax on soils free from wilt.

F. S. & N. Co.

*I just want to let you know what mighty fine hay crops your Sudan Grass has produced for me. Am sending a picture of the first cutting which brought me 2½ tons of good hay per acre—and the second cutting gave me another ton on top of it. I believe my 3½ tons per acre and the fine pasture it left me speak mighty well for your seeds.*

John Gloe, Faribault, Minn., R. R.



Can You Imagine What John Gloe Thinks of Sudan Grass? (See Testimonial.)

## RAPE FOR QUICK PASTURE

Rape is an annual forage plant of great value, profitable in all sections of the country. It can be grown to advantage on land which has already produced an early grain crop, like oats, rye, or winter wheat.

Rape provides excellent pasture for all kinds of livestock, cattle, hogs, and sheep. It can be sown at any time during spring or summer, so a good pasture can be had whenever it is needed. Rape will prepare sheep and hogs for market better and in less time than any other forage plant.

One acre is sufficient to pasture 12 to 15 sheep from six weeks to two months, and is the ideal pasture for weaning lambs. Spring pigs can easily be brought up to 200 lbs. in weight when six months old, if fed on rape. It is a mild succulent feed for cattle, and will not flavor the milk, if the cattle are pastured properly. Stock that is being fed on rape should always have access to salt.

Two pieces of land may be seeded at once, to be used alternately, pasturing one while the other is growing. Do not graze too closely. Rape makes a good fall pasture.

**DWARF VICTORIA RAPE**—An outstanding variety that produces an abundance of forage and has met with great favor wherever grown. See Blue Figure Price List.

**DWARF ESSEX RAPE**—The commonly grown type that has produced the finest pastures for many years. Lb. 20c, 5 lbs. 75c, postpaid. See Blue Figure Price List.

## Advantages in Sowing Rape

1. Grows wherever corn or turnips grow.
2. Provides pasture in 6 to 8 weeks' time.
3. The best forage plant for dry seasons, because of its strong, deep root system.
4. Plant alone or with grain, soy beans, Sudan Grass or cane.
5. Adds humus matter to soil when plowed under.
6. Its cheapness; sown broadcast, use 5 or 6 lbs., sown in rows, use only 3 lbs. per acre.

April 23, 1935

F. S. & N. Co.

*I bought some Early Murdock Golden Dent Seed Corn from you several years ago and it was the finest seed corn one could plant. We raised more and better corn than we ever did before. Nice large ears with medium size stalks. Hope you still have corn as fine as that was.*

Wm. G. Pagenkopf,  
Maple Plain, Minn.

### WARNING!

We consider it very important that you test your seed corn before planting in 1936. Most critical seed corn situation in over 20 years. See page 67.

## SUDAN GRASS GROWS QUICKLY

One of the best annual forage plants ever introduced, suitable for almost any locality. Sudan Grass thrives best on rich loam, but has been successfully grown on almost every kind of soil, from heavy clay to light sand. Cold, wet soils are not suited to Sudan Grass. Sudan Grass is a sorghum, and an annual, without underground root sprouts. It grows 4 to 5 feet high in drilled seedings, and 5 to 8 feet in cultivated rows.

**DO NOT SOW SUDAN GRASS BEFORE CORN PLANTING TIME.** Like corn, it is a warm weather crop.

In favorable seasons, the growing period is long, and several cuttings can be obtained in one season. For hay it is ready to cut in 60 to 75 days, when it is in full head. It continues its growth, and in 40 to 45 days it is ready for another cutting. If Sudan Grass is grown for seed, only one crop can be harvested.

## Produces Quality Hay

Sudan Grass is an enormous yielder, producing 3 or 4 tons of hay at the first cutting. The second cutting is lighter, and the hay is much finer. Livestock of all kinds will eat the hay readily.

**CULTURE**—For a seed crop, sow 15 lbs. per acre, in drills, 15 to 20 inches apart. The crop should be harvested with a grain binder.

For hay, sow at the rate of 20 to 30 lbs. per acre, using a grain drill, and cover from one to one and one-half inches deep. Heavy seeding makes finer quality hay.

The hay crop is harvested with a regular mower, when the Sudan Grass is fully headed out. It can be cut in the morning, and if the sun is bright, it should be raked up in the afternoon of the next day. After bunching, it is placed in cocks, just the same as alfalfa. After it has been thoroughly cured, it is removed from the cocks to the barn, or stacked. Because of the large amount of juice in the stems of Sudan Grass, the leaves cure first and the hay often appears ready to stack, when it is not. Therefore, the only sure way to avoid heating, is to allow Sudan Grass to remain in cocks long enough for the stems to become dry. The leaves are retained well, and if cut at the right stage will make a bright, leafy, sweet, hay, of the very best quality.

## Plant Legumes with Sudan

Sudan Grass grown with legumes, such as soy beans, makes a well-balanced mixture for pasture, ensilage and hay. Sudan Grass grows stiffly erect, with stems strong enough to support the vines and makes harvesting easier, by keeping them off the ground. It hastens curing, by preventing the beans rotting.

Sudan Grass and soy beans, planted together, make a good hog pasture. Sow 25 to 30 lbs. Sudan Grass and the same quantity of soy beans, to the acre, drilling in the seed with a grain drill. For quickest results, sow in rows 18 to 20 inches apart, and cultivate.

Prices: Lb. 20c, 5 lbs. 75c, postpaid. See Blue Figure Price List.

SUDAN GRASS CIRCULAR FREE UPON REQUEST





# SOY BEANS, FIELD PEAS, VETCHES



## Inoculate Soy Beans, Field Peas

with Nitragin or Master Farmer Inoculator to increase your yields and put fertility into the soil. They are recommended by all authorities. See page 62 for prices and full particulars.

This Field of Soy Beans Yielded a Heavy Crop of High Feeding Value. (Courtesy International Harvester Co.)

## SOY BEANS ARE VALUABLE FOR HAY, ENSILAGE, SEED OR FOR SOIL IMPROVEMENT

1. Soy Beans are easy to grow, and are valuable for soil too poor for other legumes.
2. They withstand both drought and heat well, and are not easily damaged by moisture.
3. They make a good emergency crop, as they can be sown late, after other crops fail or are washed out.
4. They deposit large quantities of nitrogen in the soil, building up poor land on which clover or alfalfa cannot be grown.
5. Soy Beans as a hay crop, are higher in protein content than clover hay, or field peas and oats mixed. For dairy cattle, the hay is equal to alfalfa hay.
6. They make good ensilage grown with corn, and are also used for hog pasture.
7. They take the place of oilmeal, and are even more digestible.

**CULTURE.** Soy Beans require about the same treatment as corn, and will grow on almost any kind of soil, shallow peat or sandy loam, and even ground containing too much alkali for corn. Do not plant Soy Beans too early, about corn planting time is right. Sow in drills using 30 to 45 lbs. per acre or broadcast, 60 to 90 lbs. Rows 28 to 30 inches apart are usually best, as the rows can be cultivated and kept free from weeds.

The seed crop is quite profitable. The seeds broken or split in threshing can be fed to livestock. For seed, the Soy Beans should be cut with a grain binder, while the dew is still on them, so they will not shatter. They can be threshed without much curing, if the seed is spread out so it cannot sprout in the bins.

### DUNFIELD

This variety was carefully tested over a period of years, having been imported into this country in 1913. Its popularity has increased so that it is now reported as being grown on about 75% of the Soy Bean acres in Illinois. It has spread into Iowa, Minnesota and Wisconsin very rapidly.

Dunfield Soy Beans grow upright sturdy plants, very bushy, and produce a very fine quality hay. They mature in about 110 days and may be grown for ripe beans in most sections of northern Iowa and southern Minnesota. Dunfields blossom about 40 to 45 days after planting and the pods have two, three and four seeds which are of straw yellow color with light brown hilum.

The oil content of Dunfields is recorded at 19.8% which makes it very popular with the crushers, also for feeding purposes. Those who have grown this variety are highly pleased with it. The seed is slightly smaller than the Manchu and Illini varieties, therefore does not require quite as much seed per acre. Price: Lb. 20c, postpaid. See Blue Figure Price List.

### MANCHU

This variety takes the lead among Soy Beans in the Middle Western States. It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. It will fully mature under ordinary conditions and grows large enough to produce excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre.

Manchu is a robust grower of vines which stand up well and are easily cut with the corn or grain binder. This variety matures in about 100 days, being well adapted to the southern half of Minnesota, Wisconsin, South Dakota and all sections farther south. In localities where the growing season is short, Manchu is preferred for hay purposes, but an earlier variety must be grown for seed. The beans are yellow and of medium size. Price: Lb. 20c, postpaid. See Blue Figure Price List.

### ILLINI

This excellent variety was first offered by us a few years ago and since that time has become as popular as Manchu. It was developed by the Illinois Experiment Station and described as a better yielder than other varieties, somewhat taller and with pods higher on the stem. Many growers report that it is somewhat earlier maturing than Manchu and that it produces a larger tonnage of hay or beans per acre. It is not uncommon to obtain as high as 40 to 50 bushels of beans per acre; however, the average would probably be about 30 to 35 bushels which amounts to approximately 50 per cent more than other varieties.

Illini Soy Beans are yellow, the seed being slightly smaller and rounder than Manchu. You will appreciate this variety if you give it a trial. Price: Lb. 20c, postpaid. See Blue Figure Price List for larger quantities.

### EASY-COOK SOY BEANS

This is a very excellent variety used for human consumption, either as dried beans or in the green stage. As its name implies, it is easy to cook. The plants may be used for fodder purposes after the beans have been picked. See page 3 of the catalog under "Field Beans."

### FETERITA

The most drought-resistant forage plant we have, especially valuable for the western prairie states. It is much like Kaffir Corn, matures earlier, the seed is larger, the heads plumper. It is profitable for pasture, hay crop, ensilage or grain, and is used for feeding cattle, sheep, and poultry. Culture is same as for Kaffir Corn. Price: Lb. 20c, postpaid.

## KAFFIR CORN

A good fodder plant for Iowa, South Dakota and sections farther south, that grows 5 to 7 feet high, with broad leaves and brittle green stalks. Green or dried, this makes excellent fodder for horses and cattle. The seed heads form at the top of each stalk. The seed is good as poultry food. Sow 10 lbs. of seed per acre, in rows 3 feet apart, or 50 lbs. per acre broadcast or in drills. Price: Lb. 20c, postpaid.

## CANADA YELLOW FIELD PEAS

Field Peas are an important class of legumes, and should be more generally planted. Few farmers know the value of Field Peas as a hay crop and fertilizer. They fit into crop rotations well, and are better suited to conditions of the Northwest than any other annual legume, for building up worn-out soils.

Field Peas are usually grown with oats, for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than alfalfa and corn.

When they are grown with oats, they are threshed together, and easily separated with a fanning mill after threshing, thereby getting two crops from one operation. Sow 2 bushels of oats to 1½ bushels of peas per acre. Drill the peas in 4 inches deep, as early as the ground can be worked. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way. If the oats are sown with the peas, they grow too rapidly, and check or smother the growth of the peas. Price: Lb. 20c, 5 lbs. 75c, postpaid. For prices on larger quantities, see Blue Figure Price List.

## WINTER OR HAIRY VETCHES

(Also Known as Sand Vetches.)

They are leguminous plants and are especially suited to localities where winters are very severe. They make good hay, ensilage, pasture and green feed, are very valuable as a green fertilizer, and as a cover crop in orchards, preventing the washing away of the soil.

Winter Vetches may be sown with Winter Rye for a hay crop, about August 1 to 20, using 1 bushel Vetches (60 lbs.) and 1 bushel Rye per acre—they mature about the same time. Where summer pasture is desired, they may be seeded in the spring, either alone or with spring grains. Price: Lb. 25c, 5 lbs. \$1.00, postpaid.

## SUNFLOWER MAMMOTH RUSSIAN

The production of Sunflower for ensilage and fodder is now advocated by many experiment stations. This is fairly profitable where the seasons are too short to grow other forage plants, sorghums, etc.

We do recommend Sunflower as a highly important and profitable crop for poultry breeders and farmers, for fattening hens or producing eggs. Single flower heads measure 12 to 22 inches across, containing a large quantity of seed. Price: Lb. 30c, 5 lbs. \$1.25, postpaid.

Valuable booklet, "Soy Beans," free with Soy Bean order if requested.



# MILLET AND SORGHUM CANE

Although many farmers are now growing Millet regularly as a hay crop, it was not until the last few years that its value was fully appreciated as a quick-developing crop. Many find it of great value in case of crop failure of Clover and Timothy, when dry, spring weather cuts short the pasture and meadow grasses, or when there is a cold, wet spring and corn and other early sown crops are drowned out—it is then that Millet is fully appreciated.

Millet may be planted up to July 1 and even later, and still produce a crop of hay or pas-

ture. Millet hay properly handled has great feeding value and milk-producing qualities. For hay it should be cut as soon as it blooms, before the seed forms, otherwise the hay is apt to be woody. In more southern sections Millet is sown as a catch crop after the grain has been harvested. It produces the best results in warm, rich soil.

Sow broadcast, using about 40 lbs. per acre, covering seed three-quarters of an inch deep. For a seed crop, allow the Millet to ripen fully and harvest with a grain binder.

## JAPANESE MILLET—Billion Dollar Grass

Japanese Millet is one of the best forage crops we have, for feeding all kinds of livestock. It ranks high in milk-producing qualities, being rich in protein and fats. Combined with soy beans, as ensilage, it makes an ideal balanced ration, two parts of millet to one of soy beans being the right proportion.

Japanese Millet is adapted to all sections of the country; it makes more hay than any other millet, and requires less seed. It is the ideal catch crop, and may be sown any time from May to July.

For hay, cut it just before it blossoms, and cure the same as clover. It also makes good pasture, but the cattle must be accustomed to it gradually.

### FIVE REASONS FOR GROWING JAPANESE MILLET:

- 1—It grows 4 to 8 ft. high and produces 5 to 6 tons of hay per acre.
- 2—It is drought-resistant, yet can be grown on wet or poor soil not fit for other millets.
- 3—It is good for exterminating quack grass as it stools heavy.
- 4—It is cheap to sow, only 15 to 20 lbs. of seed per acre being required.
- 5—It is very palatable and is liked by all classes of livestock.

DO NOT PLANT MILLETS UNTIL THE SOIL IS WARM AND DANGER OF FREEZING IS OVER.



German or Golden Millet.

## FOXTAIL MILLETS

**GERMAN OR GOLDEN**—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality, and so tender it can be fed to hogs.

**HUNGARIAN**—The great value of this variety is in its earliness and fine quality. It is about a week earlier than German or Golden Millet, and much safer for northern sections, especially if sown late in the season. It does not grow as vigorously, but the hay is of finer quality, especially good for cattle, as it is nourishing and milk producing. We consider Hungarian Millet one of the best catch crops grown.

**SIBERIAN**—We consider this the best Millet for dry sections. It is extremely hardy, drought resistant, and about two weeks earlier than Golden Millet. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay. It produces 50 to 70 bushels of seed per acre.

**COMMON**—Especially adapted for dry and light soil. It is very early and dwarf, growing 3 to 4 feet high, is hardier than Golden Millet, therefore better for cold northern sections and unfavorable conditions, but does not yield as heavily as Golden Millet.

## PROSO MILLETS

(Also Called Hersche)

**TURGHAI PROSO**—Turghai Millet grows three feet tall and has a purple spreading head. The stems bear a wide leaf similar to corn and are not woody. This variety introduced in 1930 has been found to be especially adapted to the Northwest as it will withstand considerable drought. It is a red seeded variety, very much in appearance like the early Fortune seed. Government reports show that Turghai has yielded from 50 to 70 bus. on heavy soil and three tons of hay per acre. The State Experiment Station in preliminary tests of this variety, finds it outyielding other Proso Millets by a considerable margin.

Turghai Proso Millet contains 17% protein and is one of the richest feeds for hogs, cattle, sheep and poultry.

**EARLY FORTUNE**—This seed is of a shiny reddish brown and is about the same size as Turghai and Hog Millet. The heads are compact. It matures rather early, growing about medium height. It is ready to harvest in 50 to 60 days after sowing. Early Fortune has been a very popular variety.

**HOG OR BROOM CORN MILLET**—The hay is of a coarse quality, except when cut very young. The seed is of high food value especially for poultry and hogs. It is yellowish white in color. Hog Millet is very early and drought resistant and will produce excellent yields of seed and hay.

Prices on all Millet: 1 lb. 20c, postpaid. For prices on larger quantities see Blue Figure Price List.

## SORGHUM CANE

### MINNESOTA EARLY AMBER CANE

The Early Amber Sugar Cane grown in Minnesota is superior to that grown anywhere else. It is the earliest strain grown, very hardy, of fine quality, and yields from 12 to 20 tons of cane per acre, according to soil conditions and cultivation. It grows 12 to 18 feet high, yielding much fodder, of good quality. Early Amber Cane and Fodder Corn are often planted together, and produce immense yields.

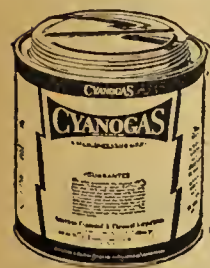
One acre of Early Amber Cane will produce enough to make 175 to 200 gallons of syrup, of delicious rich quality, golden yellow color.

We offer an improved strain of Minnesota Early Amber Sugar Cane which has been carefully bred for size, sugar content, and palatability. Sow 8 to 10 lbs. per acre for syrup. Prices: 1 lb. 20c, postpaid. 5 lbs. 80c, postpaid.

**WACONIA ORANGE CANE**—Orange Cane grows much heavier but shorter stalks than Amber Cane and withstands storms and wet weather without lodging. It produces an outstanding quality of syrup and more of it per acre. Sow Orange Cane at the same rate as the Early Amber Cane.

**FODDER CANE**—(Southern Grown.) A profitable feed crop that can be grown almost everywhere, producing as much as 30 to 35 tons of green feed per acre. It makes good hay if cut before it grows too high and can often be cut a second time. It matures later than Early Amber Cane and will not produce seed in the North. Sow 50 to 60 lbs. broadcast or 12 to 15 lbs. in drills per acre. Prices—All Cane Seed: Per lb. 20c, 5 lbs. 80c, postpaid. For larger quantities see Blue Figure Price List.

## CYANOGEN KILLS RATS, MICE, POCKET GOPHERS, MOLES, WOODCHUCKS, ANTS.



Cyanogas is the most effective pest destroyer. It has been thoroughly tested by workers in practically every country of the world. So outstanding are its merits that it is recommended by Federal and State Officials. Cyanogas has given satisfaction to those who have used it.

Easy to use, quick and thorough.

Cyanogas A-Dust is easy to use, economical and safe and gives effective control of pests.

It comes packed in air-tight containers and can be handled without danger to the user. It will not deteriorate if kept in air-tight tins. It is non-explosive and non-inflammable. Undoubtedly, the most effective material for pest control.

Cyanogas A-Dust, when exposed to the air, gives off a gas that is deadly to rodents and insect pests. It kills them almost immediately. The residue, after the gas has been given off, is ordinary slaked lime and is non-poisonous. The pests don't have to eat Cyanogas or even touch it—it gets them wherever they are.

Cyanogas A-Dust can be applied with the dusters we list opposite or with a spoon or by sifting. Full directions with each package. Write for free circulars telling how to rid yourself of these pests.

Cyanogas G-Fumigant is a granular form of Cyanogas used in fumigating greenhouses and nurseries, bulbs, plants and homes. Write for particulars.

Prices—Cyanogas A-Dust: 1/2 lb. can 45c, 1 lb. 75c, 5 lbs. \$3.00, 25 lbs. \$10.00, 100-lb. drum \$30.00, f. o. b. Faribault.

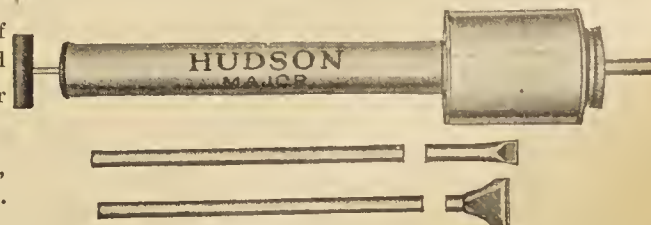
## MAJOR DUSTERS for CYANOGEN

The Major Duster is especially suited for Cyanogas and may also be used with Paris Green, Arsenate of Lead, Calcium Arsenate, and other insecticides and fungicides, it may be used in the home gardens, truck farms, even on tobacco fields, dairy farms, around the poultry house, as well as for cleaning out rats, moles, woodchucks and other rodents.

This Duster is fitted with an air valve to keep powder from entering the pump. Prices: The Major Duster with two extensions and two nozzles (see picture below) \$1.40 postpaid.

The same Duster with a 12-in. flexible hose for Cyanogas, \$1.50, postpaid.

The same Duster with both 12-in. flexible hose for Cyanogas and two extensions and two nozzles for dusting plants etc., \$1.60, postpaid.





# Fertilizers and Disinfectants

## GARDEN AND LAWN FERTILIZERS

# SACCO

TRADE MARK REG. U.S. PAT. OFF.  
**— Makes Things Grow —**

SACCO is the finest of fertilizers—a combined soil rectifier and growth producer for use on LAWNS, GARDENS, SHRUBS, FLOWERS, TREES, POTTED PLANTS and VEGETABLES. It is a well-balanced preparation containing ALL THE FEEDING ELEMENTS essential to the perfect growth and development of all plants.

### EASY TO APPLY—ECONOMICAL TO USE

Use 2 to 4 lbs. for every 100 sq. ft. (10x10 ft. area). Full directions for applying SACCO are printed on each package.

### One Application Produces Amazing Results

A single SACCO application can be depended upon to make grass and vegetables grow vigorously and to make flowers and shrubbery beautiful with bloom and foliage. This plant food gives quick results, is easy to apply and, because only a small quantity is required, is very economical. SACCO has no offensive odor.

### SACCO Is Recommended by Highest Authorities

SACCO has the approval of horticulturists and of many thousands of satisfied users. On the lawns of fine homes—on golf courses—in private gardens—in hot-houses—and in the nurseries of progressive florists and commercial growers—SACCO has proved its unquestionable superiority.

10 lbs.—is sufficient to fertilize plot of lawn 20x25 ft. 25 lbs.—will cover plot 30x40 ft. See "Amount to Apply" above.

Price: 5-lb. bag 35c, 10-lb. bag 60c, 25-lb. bag \$1.10, 50-lb. bag \$1.80, 100-lb. bag \$3.00, f.o.b. Faribault. Detailed Instructions in each package.

## SPECIAL LAWN FERTILIZER



For  
**Weed Control**  
 In Lawns

Here is an ideally balanced fertilizer made especially to rid your lawn of weeds. Grass will grow luxuriantly and weeds will gradually disappear. WEDO is formulated after recommendations of leading experiment stations and soil authorities. It contains the recommended amounts of nitrogen, phosphates and potash most suitable to lawn grasses.

WEDO is an ideal fertilizer for Creeping Bent Lawns and putting greens.

### WEED ELIMINATING FEATURES

Incorporated in WEDO are the valuable weed eliminating features of sulphate of ammonia and other weed control elements.

### How Much WEDO to Buy

Only 1½ pounds are required for 100 square feet (10x10-ft. area). 10 lbs. 70c, 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$3.60, f.o.b. Faribault.

## MOSS PEAT FOR GARDENS AND LAWNS

If you are having trouble with your lawn, if your soil is light and sandy, "Moss Peat" will show wonderful results. Two ounces of "Moss Peat" are capable of absorbing one pound of water. Use it around the base of roses, shrubs, perennials, your window and porch boxes, among ferns and potted plants.

One bale of "Moss Peat" will provide top-dressing for 800 to 1,000 square feet of soil. It is inexpensive to use. "Moss Peat" contains life-giving humus essential to plant growth—high in nitrogen content and is free from silt and weed seeds.

For the lawn, a top-dressing should be made late in April or early May.

Price: 5-lb. package 60c, prepaid; 10-lb. package 85c (prepaid to 3rd zone). Not prepaid, ½ bale, about 60 lbs., \$1.25. Medium bale, about 90 lbs., \$1.95. Large bale, 100 to 110 lbs., \$2.25.

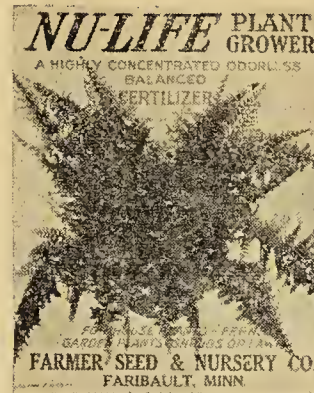
### IMPERIAL WEED PULLER

A very simple tool to eradicate weeds in the lawn or garden. Pulls them up, roots and all. No back-breaking job—simply push into the soil under the weed, at a 95 degree angle, and pull back straight—then out come weed, roots and all. Made of high grade steel, black enameled wide wooden handle. Price: 90c, prepaid.—Not prepaid, 75c.



## NU-LIFE PLANT GROWER

Will pep-up the sickest plants—Used by leading gardeners and florists



The best of plants need stimulating. The soil becomes stale and worn out and the plants sickly—then the leaves discolor and the blooms lack brilliancy.

Here is where Nu-Life Plant Food comes to the rescue. Immediately results will be noticed. It is easy to use, entirely odorless, and it will put new life into your sick plants. It will pep up your flower bed and stimulate growth of all vegetation, indoor or outdoor. Nu-Life Fertilizer will produce more perfect flowers or fruits, and healthy foliage.

Because Nu-Life is a most highly concentrated plant food and contains 15% Nitrogen, 30% Phosphoric Acid and 15% Potash, only a small amount is required per pot. For a sick plant, scatter a two-finger pinch of Nu-Life on the soil. After a new leaf growth has started, use a level teaspoonful of Nu-Life with a gallon of water and apply approximately half a teacup full per plant on a three-inch pot and a teacup full on a four or five-inch pot. Apply every two weeks. Nu-Life Plant Food is readily dissolved and carried right to the roots. Its fertilizing value is four to five times that of ordinary plant food. It is properly balanced and practically water soluble. Liberal Trial Size 10c, ½-lb. package 30c, 1-lb. package 45c, postpaid.

Special—Try a 10c packet; return the empty packet for credit of 10c on a 45c size package.

## "DUBAY" SEED DISINFECTANTS

Prevent Diseases—Increase Profits

**SEMESAN**—For treating vegetable and flower seeds and brown patch in lawns. Diseases often reduce germination and result in poor stand, lowered quality and reduced yield. Kill these harmful disease organisms on the seed before planting. Semesan may be applied as a dust or liquid and is harmless to seeds. Effective in controlling damping-off of seedlings. Full directions in can. Prices: 2 ozs. 50c, 1 lb. \$2.50, 5 lbs. \$11.75, 25 lbs. \$46.25, not prepaid.

**SEMESAN BEL**—For treating seed potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Prices: 4 ozs. 50c, 1 lb. \$1.65, 5 lbs. \$7.00, 25 lbs. \$31.25, not prepaid. Pamphlet free.

**SEMESAN JR.**—For treating seed, field and sweet corn. Our corn crops are reduced over 80 million bushels annually by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only 2½c an acre. It destroys harmful disease organisms on the seed, protects seed from rotting in cold wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots, and generally increases crop yields. Use 2 ozs. per bushel of seed. Prices: 4 ozs. 35c, 1 lb. \$1.00, 5 lbs. \$4.75, 25 lbs. \$23.25, not prepaid.

### NEW IMPROVED CERESAN

A New Low Cost Grain Disinfectant

Costs only 1½ to 2½ cents per bushel. Unusually effective in controlling bunt or stinking smut of wheat, covered smut and stripe of barley, and oat smuts. Frequently improves the stand and yield of grain 1 to 5 bushels per acre. Easily and quickly applied by 20 revolutions of seed treater or 3 turnings with a shovel. Seed should be treated 24 hours before planting. Does not reduce drilling rate nor damage drill. One pound treats 32 bushels of wheat, oats, or barley. Prices: 1-lb. tin 75c, 5-lb. tin \$3.00.

## WARNING—TREAT ALL SEED CORN

Experiment Stations of the northwestern states advise that all seed corn be treated this season. The vitality of all corn has been lowered by excessive moisture when the first severe frost struck the Northwest early in October. To strengthen germination, prevent rot and insure a good stand, we recommend treating your seed corn with



# Barbak III

REG. U.S. PAT. OFF.

the dependable corn seed disinfectant. Used by many winners of National and State championships. One pound will treat enough corn seed to plant 60 acres. Increases germination and stand, and at a cost of less than 3 cents an acre will insure an increase in yield, which in many cases will pay the harvesting cost. Simple to apply, directions on every package.

Price: 4-oz. tin—15-acre size, 35c, postage 8c. Not prepaid, 1-lb. tin (60-acre size) \$1.00, 5-lb. tin, \$4.75, 25-lb. tin, \$23.50.



## — INSECTICIDES —

**APHIS SPRAY**—An improved nicotine spray suitable for the control of all kinds of aphids (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with water. Price: 3-oz. collapsible tube 35c, 12-oz. collapsible tube 95c, 2½-lb. can \$2.25.

**ARSENATE OF LEAD**—It is safest to use on tender foliage and sticks well on the leaves. Can be used as dust or spray. Price: ½ lb. 20c, 1 lb. 30c, 4 lbs. 75c, not prepaid.

**ALL ROUND SPRAY**—One product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Price: ¼ lb. 30c, 1 lb. 85c, not prepaid.

**BARBAK-III**—Seed corn disinfectant. Very necessary this year. See page 72. Price: 4-oz. tin (15-acre size), 35c, postage 8c.

**"BLACK LEAF 40"**—(Sulphate of Nicotine.) Is especially recommended for killing the green aphid or lice which usually appear on sweet pea, cucumber and other vines. It can be used for spraying all kinds of plants. Price: 1-oz. bottle 35c, 5-oz. tins \$1.00, 2-lb. tins \$3.75, not prepaid.

**BORDEAUX MIXTURE**—Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. Price: 1 lb. 30c, 4 lbs. 70c, not prepaid.

**CYANOGAS, ANT KILLER**—Special 4-oz. tin container. Simply shoot it in the nest and no more ant trouble. Price: 35c, prepaid.

**DAWG-GONE**—Protects evergreens—keeps dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees. The odor slowly emanating from the open tube will keep dogs at a distance for six months. Mailable. Tubes: 35c each or 3 for \$1.00, ppd.

**DUSTING SULPHUR**—Keep your roses free from mildew, black spot, leaf spot and other hideous fungous diseases. Acme Dusting Sulphur is a tonic for roses, chrysanthemums, phlox. Mailable. Price: 3-lb. sifter carton, each 50c, prepaid.

**EVERGREEN**—Non-Poisonous Insecticide. Effective against most other plant pests, including cucumber and melon beetles, cabbage worms, rose slugs, leaf hoppers, currant worms, etc. Safe—kills only insects—harmless to man, livestock, birds and pets. Non-injurious—Spray freely on the tenderest plants. Won't injure the ground. Price: 1-oz. bottle 35c, 6-oz. bottle \$1.00, not prepaid.

**GARDEN GUARD**—A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on cabbage, cauliflower, tomato plants, melon vines and other vegetables, currants and gooseberries, flowers and shrubs of many kinds. Price: 1-lb. sifter carton 30c, prepaid.

**IMPROVED GARDEN GUARD**—New formula. Non-poisonous, yet very effective. Controls most leaf-eating insects. Perfectly safe to use. Price: 1-lb. sifter top can 45c, prepaid.

**LICE POWDER**—Will successfully kill body lice on chickens, horses and cattle. It is very effective when applied to roosts, walls and crevices with a powder gun. Price: 1 lb. 30c, prepaid.—Not prepaid, 1 lb. 25c, 5 lbs. \$1.00.

**LIME SULFUR**—Summer spraying against scab, soot, blotch, red spider and mite. Price: 1 lb. 30c, 5 lbs. \$1.35, 10 lbs. \$2.50, not prepaid.

**"NOK-EM-KOLD" GARDEN INSECTICIDE**—It controls cabbage and cauliflower worms, cucumber beetles and all insects infesting vine crops, berries and shrubs. Dust on while the foliage is damp with dew. Will not burn or injure plants or fruit. Price: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 85c, 10 lbs. \$1.25.

**SEMESAN BEL**—For Potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Price: 4 ozs. 50c, 1 lb. \$1.65, prepaid.—Not prepaid, 5 lbs. \$7.00, 25 lbs. \$31.25.

**SLUG SHOT**—The standard remedy for worms, rose slugs, caterpillars, cabbage worms, etc.—effective, and entirely harmless to plants. Price: 1-lb. carton, with perforated top, ready for use, each 30c, prepaid.—Not prepaid, 1-lb. carton 25c, 5 lbs. 85c, 10 lbs. \$1.50.

**TOBACCO DUST**—Destroys rose slugs, lice, vine bugs, tomato worms, currant worms, cabbage lice, and the parasites of all descriptions. Apply when foliage is wet. Price: 1 lb. 30c, prepaid.—Not prepaid, 1 lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00.



COMES  
LOADED WITH  
3000  
SHOTS  
FOR  
INSECTS

## NEW BUG GUN SHOOT TO KILL

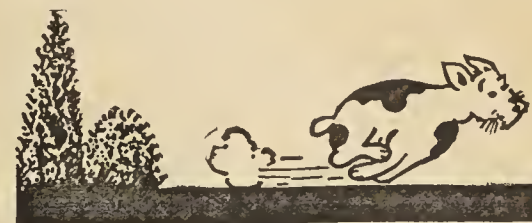
Kill insects the easy, safe, convenient way.

Here's exactly what you have been wanting, all in one package. A new derris, rotenone dust, which is non-poisonous, safe to use. Kills insects in the garden and house, both chewing and sucking types, including aphids, worms, beetles, mites, red spider, fleas, roaches.

Use Bug Gun on flowers, vegetables, fruits, also for lice on household pets, etc. No mixing or waiting. Bug Gun complete, loaded with dust, 35c each. Postage 12c to 3rd zone.

**MINK'S LOUSE KILLER OINTMENT**—One application keeps hens free from lice for six months. Pays its cost tenfold in increased egg production. Wonderful remedy for head lice, on baby chicks and turkeys. If not completely satisfied, return empty box and get your money back. One box sufficient for treating 75 to 100 hens. Perfectly harmless. Price: 80c, prepaid.

SEND FOR  
FREE  
SPRAYING  
GUIDE



**"DOGZOFF"**

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application usually does the work.

"Dogzoff" will save its cost many times over around the garden and home.

Price: For season's supply, 59c, prepaid.

## DAYTON TREE SAVER

Dayton Tree Saver is a scientifically prepared plastic compound that makes easy the problem of tree surgery for anyone. It is ready for instant use in repairing damage, healing a wound and keeping out disease. It contains 18 ingredients beneficial to trees, medicinal oils to heal wounds and non-injurious acids to destroy fungi, insects and worms. It does not shrink but is light in weight, elastic and waterproof. Full instructions with each package. Price: Pint, 50c, quart, 90c, gal. \$2.50, not prepaid.

## "SULPHONOL" RABBIT REPELLENT

Protects trees from rabbits and mice. Inexpensive to use, sure in operation. Keeps tree borers away and prevents sun scald, without injury to trees or shrubs. Mix with water and paint the trees 2 feet above snow line. "Sulphonol" is non-poisonous, and will remain effective throughout the winter. Cannot be applied with sprayer. Price: 1-lb. package (for 20 trees) 45c, 2-lb. package (for 50 trees) 85c, prepaid.—Bulk 35c lb., not prepaid.

## COPPER RODENT REPELLENT

Protects fruit trees and shrubbery from rabbits, mice and other rodents. Cost less than 1c per tree. Rapidly applied by painting or with sprayer. Rabbits will not girdle a tree which is coated with this material.

Copper Rodent Repellent is non-poisonous—offers all winter protection and is highly recommended by horticulture research specialists.

Price: Qt. 85c, postage 15c extra, 1 gal. \$2.75 f.o.b. Faribault.

## "BLACK CAT" NON-POISONOUS EXTERMINATOR

"BLACK CAT" RAT and MOUSE KILLER is Harmless to Man, Domestic Animals, Baby Chicks, Poultry, Dogs and Cats, but Kills Rats, Mice and Gophers Quickly. May be safely used around the home, barn, poultry house, warehouse or any rat or mouse infested building. "BLACK CAT" can be mixed with butter, ground meat, corn meal or other food. Rats and mice will eat it readily, and it drives them outdoors to die.

**GUARANTEED** to kill rats, mice and gophers and nothing else, when used according to directions. Send today. 45c per package, prepaid.

## MOUSE SEED

The most satisfactory mouse exterminator ever sold. A natural treated seed which attracts the mice. They chew out the inside kernels and thirst then drives them out to die. No baits, no traps, no muss. "A saucer and seed is all you need." 25c per package. Also in a one-pound size, holding more than eight times as much as the 25c package. \$1.00 per lb., prepaid.



**Paint the Perches**

Nothing you can do for your flock will pay greater dividends.

Spreads Farther—Lasts Longer.

Apply before brooding time in the spring. One pint treats 300 to 400 running feet of perches or 450 to 600 chickens.

Price: 2-oz. tubes 35c each, 5-oz. tubes, 85c each, pints \$2.00 each, quarts \$3.00 each, gallons \$8.50 each.

2 and 5-oz. packages, prepaid.

## NEW ROUP TREATMENT Hen-O-Fume - Hen-O-Mist



PER CAN .....75c  
THE TWO FOR .....\$1.45  
Prepaid.

One treatment with Hen-O-Mist and Hen-O-Fume brings relief to a whole flock at once. Penetrating fumes from these remedies quickly clear up the worst cases. Very easy to use. Results guaranteed.

Best  
Flock  
Insurance

Money back if Hen-O-Mist and Hen-O-Fume inhalant doesn't do the work. We suggest using combination treatment — one large can of each, for \$1.45, or either remedy separately for 75c, prepaid. Send your order NOW, and be ready if roup, colds or bronchitis break out in your flocks.

Hen-O-Fume is an ideal hog remedy for treating flu or pneumonia.





## THE NEW AMERICAN GARDENER No. G-2

A complete garden outfit for all purposes. 1—A plow for trenching; 2—A scuffle hoe or sweep for weeding; 3—A cultivator for breaking up the soil; 4—A mulcher, pulverizer or rotary hoe for pulverizing, killing weeds, stimulating plant growth and leaving a dust mulch to save moisture. It is simple, compact, easy to use and speedy. This single tool will do everything that any other tool or combination of tools will do.

The mulcher attachment is interchangeable with trenching plow. Loosen the hand wheel and turn any one of these tools into position. Fully guaranteed.

(For a seeding attachment, we recommend Midget No. 2—described below.)

Price: Complete, \$4.75, not prepaid. Weight, 23 lbs.

4 TOOLS IN 1

**\$4.75**

Complete



## "STANDARD" No. 20A SINGLE WHEEL CULTIVATOR

Price

**\$3.10**



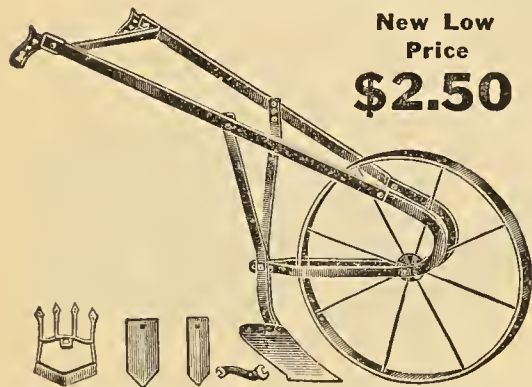
With this tool you can get your money's worth in a few hours' work, whether you have five acres, one acre or a garden only 25 feet square. Has a strong steel wheel 24 inches in diameter, making it work easily and carrying the tool in perfect balance. The handles are quickly adjusted to suit the height of the operator or to regulate the depth desired to run attachments. The equipment includes double end shovel mold-board with landside, combined sweep and rake, (practically 5 tools).

Price: Complete, \$3.10, not prepaid. Weight, 18 lbs.

## SPECIAL No. 105 HIGH-WHEEL CULTIVATOR

New Low Price

**\$2.50**

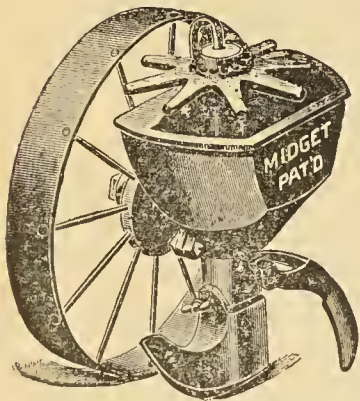


A practical all carbon steel cultivator—at a new low price. This cultivator has a wide range of adjustment of handles and attachments to insure ease of operation by a small boy or a large man. The wheel runs on steel bushings. The frame is one inch wide and 1/4 inch thick, with easy malleable grips. Wheel is 24 inches — 8 spokes with 1 1/4-inch heavy rim. Attachments — Mold-board, plow, rake and sweep, 2-inch shovel, 3 1/2-inch shovel. Frame painted black—handles green. Price:

Complete, \$2.50, not prepaid. Weight, 25 lbs.

## STANDARD MIDGET SEEDER No. 1

The Gardeners' Favorite—\$2.95



For sowing any kind of seed, from the smallest up to peas, and beans, in any quantity. Will attach with one bolt to any Standard Single Wheel cultivator, or any other Single Wheel cultivator, having 5 1/2 inches or more space between shank and wheel. Shoe is adjustable for any depth and coverer swings easily. The most popular seeder on the market. If wanted for use alone, we offer it with handle.

Price: Set up, ready to be attached, \$2.95. With handle, \$3.45, not ppd. Weight, 8 lbs.

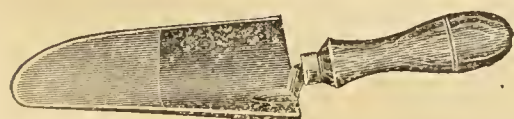
## STANDARD MIDGET No. 2—\$3.95

This perfect seeding device will hold one quart of seed. It drills accurately all kinds of seeds from radishes to peas or beans, covering at uniform depth and giving an even stand. Use this tool in combination with the new American Gardener and you have a complete outfit that will meet every requirement of your garden from seed time to harvest. An ideal combination with No. G-2. Not to be used alone.

Price: \$3.95, not prepaid. Shipping weight, 10 lbs.

Ask for Complete Descriptive Catalog of tools in which interested.

## SHOVEL STEEL GARDEN TROWEL



Made of high carbon shovel steel, 6-in. blade. Heavy malleable shank. Upper part of blade enameled blue, varnished

handle. Price: 15c, f.o.b. Faribault, or 20c, prepaid.

## "TRUE TEMPER" ROTARY MULCHER-CULTIVATOR

A complete outfit—Mulcher, Weed Killer, Pulverizer, Cultivator. Nothing to add—nothing to get lost.

The Reel is 8 1/4 inches in diameter. The knives on the reel are 2 1/2 inches wide, so formed on the inside as to keep the reel from "digging in" or running deeper than it should in sandy or mellow earth.

The Scuffle Hoe is 1 1/2 inches wide, made of high carbon steel, sharpened on both edges and polished on both sides.

The Cultivator unit has three oval shovels of carbon steel, nicely polished, each measuring 1 1/2 inches wide by 7 inches long. They are adjustable for width of row.

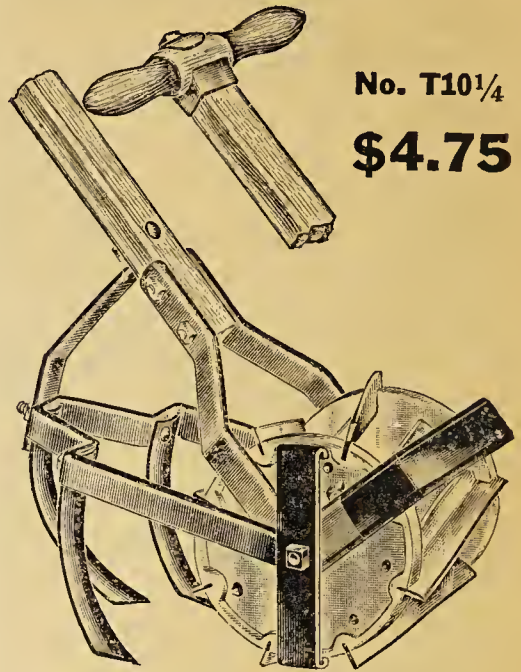
The center shovel sets well back of the other two, thus giving desirable clearance.

The Leaf Guards are self-adjusting and oscillating.

Finished in aluminum, red and green with handle varnished.

Price: No. T8 1/2, 8 1/2 inches cut, shipping weight, 17 lbs., \$4.25.

No. T10 1/4, 10 1/4 inches cut, shipping weight, 18 lbs., \$4.75. F. o. b. Faribault.

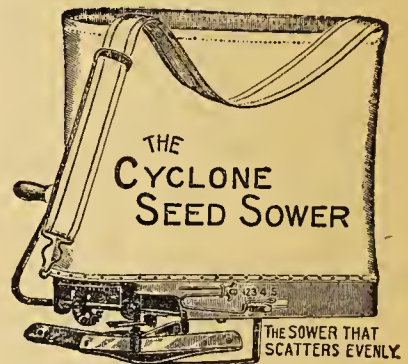


No. T10 1/4

**\$4.75**

## CYCLONE HAND SEEDER—\$2.10

Grass Seed mixtures cannot be seeded to advantage with the grass seeder attachment to the grain drill because of clogging and uneven work. The Cyclone Seeder is simple, light but strong. It will sow timothy, clover, millet, and grass seeds, as well as flax, wheat, rye, oats, buckwheat, turnips, and fertilizers perfectly even. Any desired quantity, from one quart to three bushels can be sown, per acre. Canvas bag holds one-half bushel seed. Shipping weight, 4 pounds. Price: \$2.10, not prepaid.



## No. 201 STANDARD HEDGE SHEARS

To keep the hedge looking trim—it simply cannot be done without Hedge Shears. The Standard serves dozens of purposes in trimming up trees, shrubs and plants. Has wide bevel blades, ground and polished. Tangs natural finish, bright steel ferrules, case hardened bolt and nuts with lock washer. Mahogany finish, 8-inch blades. Strongly built for years of service—and usually sold at a dollar more than our price. Price: \$1.35, prepaid.



## No. 817 TOOL STEEL PRUNING SHEARS

Every home has a thousand and one uses for pruning shears—shrubs, berry bushes, hedges, trees, plants—all need pruning. You cannot expect your shrubs to thrive or to improve the appearance of your place unless you keep them properly trimmed. Here is a good pruning shears—drop-forged tool steel, tempered blade, guaranteed. Volute spring. Price: 65c, prepaid.

## No. 100 "GARDEN" PULL HOE

Weeds and Cultivates in one operation—5 times faster than the old Conventional Hoe. No back-breaking chopping motions—no stooping or bending. The Pull Hoe works on the EASY PULLING PRINCIPLE. Made of Special High Carbon Steel—Polished Blade—Long Handle. No nails, screws, bolts, or wedges needed.

No. 1004—4 inches wide with handle. Price: 95c, f.o.b. Faribault. Weight, 3 lbs.

No. 1005 1/2—5 1/2 inches wide with handle. Price: \$1.10, f.o.b. Faribault. Weight, 4 lbs.



## KWIK-WORK DANDELION KNIFE



Just a jab and you sever the tap-root which puts an end to the dandelion. Later rake up the roots and no holes in the lawn. Made of tempered steel with 10-in. blade. Equally suited for cutting asparagus. Price: 30c, not prepaid, 35c, prepaid.





## "HUMANE" DEHORNING PENCIL



The value of a calf is increased \$2.00 by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work, so simple any boy can do it—does not injure the calf, is entirely painless. We absolutely guarantee satisfaction, or refund your money. Each pencil will dehorn from 15 to 20 calves, at a cost of about 4 cents per calf. We have sold "Humane" Dehorning Pencils for many years, and to our knowledge not a single pencil has been returned to us as unsatisfactory. Include one with your order. Price: 50c per pencil, 3 for \$1.20, prepaid.

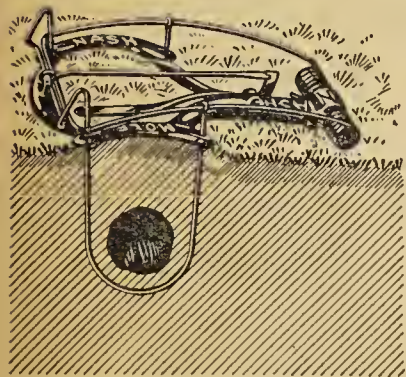
F. S. & N. Co. Carpenter, Ohio.  
Kindly send one "Humane" Dehorning Pencil at once. Have used different kinds of Dehorning Pencils, but like your "Humane" Pencil the best—it always gives results.  
Sylvester Huston, R. 2, Box 38.

## HOME THERMOMETER

Let this tested thermometer help keep your home comfortable, or keep a check with it on the temperature of the barn or out of doors. There is nothing more useful than a good thermometer and thousands of "Farmer Brand" thermometers are now in use. Price: 25c, prepaid.

## THE NASH MOLE TRAP

Recommended by U. S. Biological Survey, Wash., D. C.  
The Only Trap That Always Catches the Mole in All Kinds of Ground When Properly Set.



Both the choker wires are made of a single piece of metal, bent to desired form, so that they are held perfectly in place. Springs are made of one piece of best Bessemer spring steel. Clods or stones cannot prevent perfect operation. This trap catches the mole when it comes from either direction, the pan being located between the two choker loops which are sufficiently far apart so the mole in passing will spring the trap and be caught by the loops around the forward spades or flippers. If properly set, you cannot fail with this trap. Fully guaranteed to give satisfaction or money back. Full directions for setting, also directions for preparing the skins for market, supplied with each trap ordered. Weight, 2 lbs. 2 ozs. Price: \$1.50, prepaid.

Fully guaranteed to give satisfaction or money back. Full directions for setting, also directions for preparing the skins for market, supplied with each trap ordered. Weight, 2 lbs. 2 ozs. Price: \$1.50, prepaid.

## "SURE-CATCH" POCKET GOPHER TRAP



Part of 104 Pocket Gophers caught in one night near Castle Rock, Minn.

Few farmers realize the losses caused by pocket gophers. Most counties pay bounties to check these farm robbers, but only recently has a trap been brought out that will really get a pocket gopher nine times out of ten. This trap is so simple and effective that the manufacturers back it with an unlimited guarantee to do the work, or you return the trap and get your money back.

The "Sure-Catch" Trap is a little over 9 inches long. Is easy to set—perfectly harmless to handle and fits into the gopher hole, half length. The trap is not covered and the gopher from within trips the trigger as he attempts to cover up the hole. Boys and girls make good money trapping pocket gophers. Price, with full instructions — 85c each, 6 for \$4.75, prepaid.

## MRS. RITCHIE'S GARDEN BIRDS

Decorative—Desirable  
—Practical

Swing  
in the  
Breeze

Brilliant  
Natural  
Colors

Beautiful, natural appearing Garden Birds. Finished in weather-resisting enamel in life-like colors. Swivel-mounted on 22-inch green enamel steel stake. Attractive in outdoor gardens—in ferneries and flower pots, in solarium or flower nook. Made of heavy steel—life-size—5 varieties shown opposite.

Low Price:

3 (any variety)  
prepaid for .....45c

Order a full set.  
5 subjects  
prepaid for.....70c

So Life-Like They Attract  
Birds.



## PORTABLE BIRD BATH AND FEEDER

Here is something new and something different—this practical and handsome garden accessory will greatly improve the garden and outdoor surroundings of your home.

The raised receptacle in the middle for seed or meat makes it the center of attraction for all the birds in the vicinity. Made of steel—easily placed or removed. The bowl with food receptacle is one-piece drawn steel, beautifully finished in old ivory enamel, baked and striped with green.

The post is of one inch heavy steel tubing with same finish and comes in two sections which telescope and slip into a socket in the bowl.

Lower section has quadruple pronged solid-steel arrowhead spike—easily pressed into the ground—stands firmly wherever placed. Diameter of bowl 18 inches—height of bath over all, 37 inches—weight 6 lbs. Price: \$1.65. Postage to 3rd zone (300 miles) extra, 25c.



## EASY-TIGHT CORN SHOCK BINDER



Save a man's time with this simple device for tying corn shocks.

With the Easy-Tight you have the easiest and fastest way to draw tight the top of corn shocks and make binding simple.

The top is held tight by a simple lock on tightener which releases its hold with a slight jerk of the rope. No need of pulling the rope back out of the pulley. A wide flange on upper part of pulley prevents the rope from working out.

Corn leaves, green, wet or dry do not interfere with its operation, as the Easy-Tight has an open top on wheel.

The Easy-Tight Corn Shock Binder comes equipped with a thick rope—easy on the operator's hands. It has weight enough to be thrown around the shock and does not have to be carried. One man can operate it easily. Saves thousands of steps and is made to last.

This simple device will pay its small cost in just a few days. It is guaranteed to please you, or we do not ask you to keep it. Price: 95c, prepaid to 3rd zone.

## BEE KEEPERS' SUPPLIES

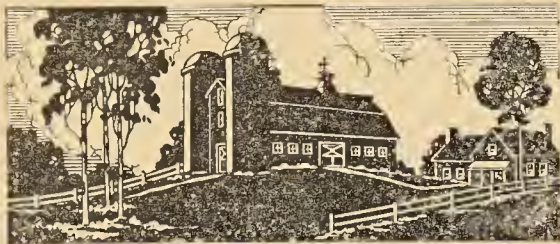
SPECIAL ILLUSTRATED CATALOG FREE.

We represent one of the foremost manufacturers of bee supplies. Everything needed by bee keepers is described and illustrated in a special 44-page catalog. It gives full information regarding the handling of bees and what to use to successfully produce and market your products. This book will be sent free upon receipt of 3c postage to cover mailing cost.





# INDEPENDENT SILO



No Northwest farmer should be without a silo. Better equipment, like better seed, makes a good farmer better. A silo is the most important, the most profitable piece of equipment in which a dairyman or feeder can invest. Through a plan of co-operation with Independent Silo Co. of St. Paul, the oldest and most responsible silo manufacturer in the Northwest, I have arranged so that any of our friends may obtain an Independent Silo on a very favorable basis. Write me personally, today, and I will have full information placed in your hands at once. E. J. Kiekenapp, President, FARMER SEED & NURSERY CO., Faribault, Minn.

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**EXTRA ORDER SHEETS  
ON APPLICATION**

DO NOT WRITE IN THIS SPACE

**Please Read Page 1 of Our Catalog Carefully, Before Ordering.**

**Have you included postage to cover items not prepaid?      Please list nursery items separately after seed items.**

If no order is sent now, we will forward 2 garden or flower seed novelties for 5 good names and addresses, if received promptly. Include 2c postage for mailing. This offer expires March 15, 1936.







# "MASTER CHICKS" Order Blank

SEE OTHER SIDE  
FOR PRICES

FARMER SEED & NURSERY CO., DEPENDABLE Since 1888 Faribault, Minnesota

Please send me the following Baby Chicks — to arrive about \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_

Street \_\_\_\_\_ or Route \_\_\_\_\_ Box \_\_\_\_\_

Town \_\_\_\_\_ State \_\_\_\_\_

IMPORTANT: No orders filled for less than 50 chicks. In order to obtain the quantity price on large orders, all chicks must be of same breed and grade.

| Order Early!                                                               | QUANTITY | BREED OR KIND WANTED | GRADE | PRICE |
|----------------------------------------------------------------------------|----------|----------------------|-------|-------|
| In case we are sold out of the breed you want at the time you want them... |          |                      |       |       |
| PLEASE NAME                                                                |          |                      |       |       |
| 2nd Choice.....➔                                                           |          |                      |       |       |
| 3rd Choice.....➔                                                           |          |                      |       |       |

Are You Taking Advantage of Our SPECIAL CASH OFFER? Yes \_\_\_\_\_ No \_\_\_\_\_

Do not write in this space

☐ Remittance Enclosed

\$ \_\_\_\_\_

☐ Send C.O.D.

## READ WHAT OUR CUSTOMERS SAY » » ABOUT "MASTER QUALITY"

F. S. & N. Co.: Claremont, Minn., Sept. 24, 1935  
The chicks we ordered from you last spring are chickens and real ones. We are satisfied and then some. Our losses were so few we never reported them. On September 8 the boys on the farm found the first eggs and on September 21 they found 12. On September 19 we sold 80 springs weighing 453 pounds, at 16c per pound. MR. AND MRS. E. S. WASSER

F. S. & N. Co.: Elgin, Oregon, Sept. 26, 1935  
I purchased 300 baby chicks from you last spring. They arrived on date specified, and none dead. The best chickens I have ever raised, and I have been buying chicks for years. The pullets started laying at 4 months 13 days—the best my chickens have ever done. I hope you will continue to sell chicks as good as mine. MRS. REX C. ROULET, R. 1, Box 9

F. S. & N. Co.: South St. Paul, Minn., Aug. 28, 1935  
I would like to express my appreciation for the service given me in ordering my baby chicks last spring. I have had no loss from the time they were delivered, and I did not expect any for they were all so vigorous that they got out of the box without assistance. We were very well pleased with them, and we expect to order more chicks as soon as possible next spring, so won't you please send us the new price list as soon as you can.  
Thanking you again for the good chicks and good service received, I remain,  
MRS. MARY SERBESKU

F. S. & N. Co.: Sturgeon Bay, Wis., Aug. 29, 1935  
The baby chicks received from you were just fine. They are 4 months old and are like little hens. I have a hard time to hold them back from laying until old enough. I got a pullet egg before 4 months. I sure hope to see you continue in the chick business and I assure you of my early order.  
Yours truly, JOHN McCARTY, R. 3

F. S. & N. Co.: Stillwater, Minn., Aug. 30, 1935  
I am very well pleased with your service and chicks. I bought 200 White Rocks from you this spring and now have the nicest flock in this neighborhood. I am so well pleased I plan on ordering 300 to 400 more White Rocks next year. I showed these birds at the Washington County Fair against some of the leading hatcheries in this community and took "First." I took Grand Champion on my White Rock cockerels. You can very well see why I am satisfied. OSCAR KERN, R. 5

F. S. & N. Co.: Deer River, Minn., Sept. 7, 1935  
We got 100 baby chicks March 20 and we saved 100%—the best chicks we ever had. As we have customers to supply with springers, we had to take some of our pullets, but we saved 45 pullets and they started to lay eggs at just 4½ months and at 5 months we were getting 20 eggs a day, and now at the age of 5½ months, the least we are getting is 25 a day. I think that is a record, and next year we would like to get more chicks from you.  
MRS. CARL PETERSON

F. S. & N. Co.: Wautoma, Wis., Aug. 28, 1935  
We were very well pleased with the chicks. They certainly were as they were advertised. We found your company a very good one to deal with and you may expect our order for chicks again. We feel sure that if you continue doing with others as you have with us that you will succeed greatly in the chick business. Our chicks were at least 90% pullets, as you stated, and we received the check you sent us in payment for those that died while being shipped.  
RAYMOND A. NELSON



## Here's the Biggest Brooder Stove Value for 1936

The new 1936 Lincoln Brooder Stove, equipped with the most dependable burner and thermostat control valve we know of, now has a much larger hexagon canopy, finished in modernistic black and silver baked enamel, and new copper tubing fuel feed lines, eliminating leaks. Here is the most dependable and most beautifully finished brooder stove on the market.

Burner has large 11½-inch fire pot and heating drum of heavy steel which will not burn out. Gets plenty of air, well baffled so that flame is even and steady. No wick or asbestos ring; requires no generating. Automatic control valve built for long life and dependability with integral parts of

cast bronze, cast aluminum and brass, insuring against rust and corrosion.

An automatic draft equalizer regulates drafts on windy days so there is no danger of fire going out because of draft.

Canopy is made in six sections of heavy steel reinforced by heavy beads at joints, with a lid on top 11 inches in diameter. You need not remove the whole canopy to attend fire; lid lifts off and canopy remains on stove. Insures thorough circulation and even temperature throughout the room.

The Lincoln gives off no fumes and ventilates as it heats. Complete with 7-gallon fuel tank of 26-gauge galvanized iron. Shipped by freight direct from factory. Safe delivery guaranteed.

OIL BURNING



Complete with  
7 Gallon  
Fuel Tank  
and  
Thermostat  
Heat  
Control

USE ORDER  
BLANK ABOVE

BURNS DISTILLATE  
OR KEROSENE

| Catalog No. | SIZE                        | CAPACITY   | SHIPPING WT. | PRICE |
|-------------|-----------------------------|------------|--------------|-------|
| 1           | 20 inch Drum 42 inch Canopy | 750 Chick  | 60 lbs.      | 16.50 |
| 2           | 24 inch Drum 48 inch Canopy | 1000 Chick | 76 lbs.      | 18.90 |

PRICES F.O.B. FACTORY, LINCOLN, NEBRASKA. ORDER FROM FARMER SEED & NURSERY CO., FARIBAULT, MINN.



# MASTER QUALITY

# BABY CHICKS

## 100% LIVE DELIVERY *Guaranteed*

**Now Offered  
in Two Grades!**

This year we have added more breeds to our baby chick list and also one more grade. We are interested in our customers getting the most for their money.

### Commercial Grade "AA"

This grade is from healthy pure bred flocks of high egg producing strains. These flocks have been carefully culled for type and production and are well mated. The chicks in this grade are big husky fellows equipped to turn feed into dollars. They are above the average and the low price we have on them does not mean we have sacrificed quality.

The latest and most improved methods of Blood Testing have been used in testing the parent stock of both grades.

READ OUR GUARANTEE (See Below)

### Master Bred "AAA" Chicks

Our Master Bred chicks are what we term EGG-BRED chicks. The parent stock have passed the test for type, color, vigor, vitality and productiveness. Breeding alone does not insure vigor, strength and egg-laying records in your flock. However, fine breeding plus fine care will insure fine results. Thousands of dollars have been spent in breeding, culling and testing these flocks, in order that you may have better chicks.

The small additional cost of this grade is one of the best investments you can make. We have kept the price as low as possible on grade "AAA" to encourage more orders for this grade. We are even making it possible for you to obtain these Master Bred chicks at the price of Commercial grade chicks by sending in the full amount with your order and by sending your order early.

We hope for your sake that you can take advantage of this offer and get these fine chicks.



READ WHAT OUR CUSTOMERS SAY ABOUT MASTER CHICKS (See other side)

## Here Are The Prices **POSTAGE PAID**

### No Money Needed with Order

We ship C. O. D. prepaid, parcel post or express; orders up to 200 shipped by parcel post; over 200 shipped by express, unless otherwise requested. We ship from seven different states and will fill your order from our nearest shipping point where we can send the breed ordered on the date desired. **Order your chicks early to avoid disappointment;** you need not pay one cent until you receive them. Last year we could not fill all the orders we received.

**Why not send in  
your order today?**

## SPECIAL CASH OFFER

We give C. O. D. orders the same careful attention we do the cash orders, but C. O. D. orders make extra work and expense for us. If you send the full amount with your early order, we will send you the Master Bred Grade "AAA" chicks at the price of the Commercial Grade "AA" chicks.

### Don't Pass Up This Opportunity

We will give you this special advantage if you do not send the order C. O. D. If the order is sent in C. O. D. it cannot be changed, as we have made out the blanks and entered the order in our books. This offer is good only when the money accompanies the order, and is subject to withdrawal at any time. Use the convenient order blank on other side.

Eggs are high—these prices may advance, so—

## ORDER NOW

| USE ORDER BLANK<br>ON OTHER SIDE                                                                                                                      | Commercial Grade "AA"                         |       |       |       | Master Bred Grade "AAA" |       |       |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------|-------|-------|-------------------------|-------|-------|-------|
|                                                                                                                                                       | 50                                            | 100   | 300   | 500   | 50                      | 100   | 300   | 500   |
| White Leghorn,<br>(Big Type)<br>Heavy Mixed                                                                                                           | 4.85                                          | 8.75  | 25.50 | 41.25 | 5.35                    | 9.75  | 28.50 | 46.25 |
| Barred Rocks<br>White Rocks<br>Buff Orpington<br>White Wyandotte<br>Rhode Island Red                                                                  | 4.95                                          | 8.95  | 26.25 | 42.50 | 5.45                    | 9.95  | 29.25 | 47.50 |
| White Minorca<br>Black Minorca<br>Buff Minorca<br>Mottled Ancona<br>Brown Leghorn<br>Buff Leghorn                                                     | 5.10                                          | 9.25  | 27.00 | 43.75 | 5.60                    | 10.25 | 30.00 | 48.75 |
| White Orpington<br>Col. Wyandotte<br>S. L. Wyandotte<br>Partridge Rocks<br>Buff Rocks<br>R. C. Brown Leghorn<br>R. C. R. I. Red<br>Rhode Island White | (No orders filled for less than 50 chicks.)   |       |       |       |                         |       |       |       |
| White Giants<br>Black Giants<br>Light Brahmans<br>White Langshan<br>Black Langshan                                                                    | 6.10                                          | 11.25 | 33.00 | 53.75 | 6.60                    | 12.25 | 36.00 | 58.75 |
| SEXED CHICKS                                                                                                                                          | 9.35                                          | 17.75 | 52.50 | 86.25 | 9.85                    | 18.75 | 55.50 | 91.25 |
| White Leghorn, only                                                                                                                                   | ← Guaranteed 90% True to Sex Day-Old Pullets. |       |       |       |                         |       |       |       |
| ASSORTED CHICKS                                                                                                                                       | 3.90                                          | 7.50  | 21.25 | 34.90 | 4.25                    | 8.50  | 24.75 | 39.90 |
| Mixed, Light & Heavy                                                                                                                                  |                                               |       |       |       |                         |       |       |       |
| LIGHT COCKERELS (Mostly Leghorn)—\$5.00 per 100, Minimum order 100 Cockerels.                                                                         |                                               |       |       |       |                         |       |       |       |

### Our "Master Chicks" Replacement Guarantee

We guarantee 100% live delivery. Both grades of chicks are from such strong and vigorous stock that we are able to make this liberal guarantee. All chicks in the Grade "AA" group, which die during the first 10 days, will be replaced at half price. All of the Master Bred Grade "AAA" chicks, which die during the first two weeks, will be replaced at one-half price. All claims must be made PROMPTLY. We cannot be responsible for loss by fire, accidents, rats or negligence. Replacement chicks will be shipped in a later order if desired.

FARMER SEED & NURSERY CO., DEPENDABLE  
SINCE 1888 Faribault, Minnesota



# New Vegetables of Merit



**No. 9—FARIBAULT BRITTLE WAX BEAN.**  
Finest stringless, round-podded wax bean grown. Pkt. 8c, 1/2 lb. 20c, lb. 35c, prepaid. See page 3.



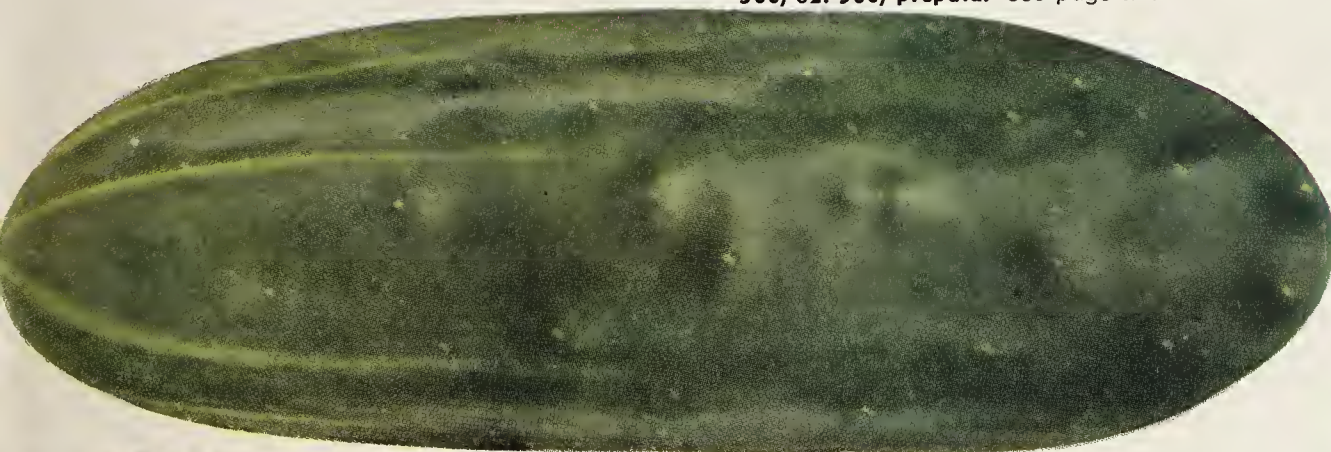
**No. 618—SCARLET DAWN TOMATO.**  
Gold Medal Winner 1935—early, large bright scarlet fruit. Globular shape—big yielder. Pkt. 10c, 1/2 oz. 30c, oz. 50c, prepaid. See page 22.



**No. 475—TENDER GIANT PEA.**

Pkt. 8c, 1/2 lb. 22c, lb. 40c, prepaid. See Page 17.

—Midseason.  
—Extra Quality.  
—Heavy Crapper.



**No. 256—NEW STRAIGHT EIGHT CUCUMBER.**  
(Illustration 2/3 size). Gold Medal Winner 1935—symmetrical, deep green—8 inches long—exceptionally productive. Pkt. 10c, oz. 20c, 1/4 lb. 70c, prepaid. See page 10.



**No. 374—NEW EARLY NORTHERN SWEET WATERMELON.**

Introduced from Russia by Minnesota Exp. Station. Ripe in 9-10 weeks. Rich sugary flavor—weight 8-10 lbs. Pkt. 10c, oz. 25c, 1/4 lb. 90c, ppd. See page 13.

## Special Collections—Offer No. 4

Your choice 3—10c pkts. and one 8c pkt. for 30c.

Entire collection one each of seven outstanding vegetables—total value 74c, for

**60c**

This collection may also be ordered through your dealer.



**MacDONALD RHUBARB ROOTS**

New high-color red, succulent Rhubarb—Select roots—each 75c, prepaid. See page 25.



**No. 83—EXTRA EARLY**

Exceptionally early, dark red, fine flavor.

**WINESAP BEET**

Pkt. 8c, oz. 15c, 1/4 lb. 40c, lb. \$1.25, ppd. See page 4.

**No. 166—SUPER SNOWBALL CAULIFLOWER.**

Extra early (52 days), outstanding quality. Pkt.

20c, 1/4 oz. 65c, 1/2 oz. \$1.10, 1 oz. \$1.95, prepaid. See page 7.







## RUST-FREE INSURANCE IN THATCHER WHEAT

### Reed Canary Grass

(*Phalaris Arundinacea*)

Now within reach of all is this wonderful grass. Produces 6-10 tons of valuable hay per acre on worthless swamp land.

A perennial easily established and offered at lowest seed cost since its production. This is your opportunity. (See page 59).

### Two New Potatoes

By U. S. Department of Agriculture

**CHIPPEWA**—Newest high yielding—medium late—storage potato of exceptional quality — shallow eyes — resistant to disease.

**NEW GOLDEN**—A new Hybrid golden fleshed variety — out-yielding all others in trials (500 bu. and over per acre). Excellent quality—first time offered—seed supply limited. (See page 19).

— New —  
Chippewa

### "Master" Hybrid Corn

The most important development in corn production of the century. New strains and varieties out-yielding all others and adapted to your locality. Of greatest importance is the early reservation of seed corn this year. See page 66.

### WARNING

#### THE SEED CORN SITUATION IS CRITICAL

Good Seed Corn will be at a premium, owing to frost damage throughout the Northwest and Central States. Test all Corn you intend to plant, and order early to avoid disappointment.

See pages 66-68.

### Thatcher Wheat

(Rust-Resistant)

The new Wheat you have read about. Here is the answer to the black rust plague which took more than half the spring wheat crop the past year. A beardless variety, stiff in straw, producing 4-5 bushels more wheat per acre normally, and 10-15 bu. more per acre under rust condition, than other varieties. Introduced by University of Minnesota. (See page 63).



**Farmer Seed & Nursery Co., Faribault, Minn.**